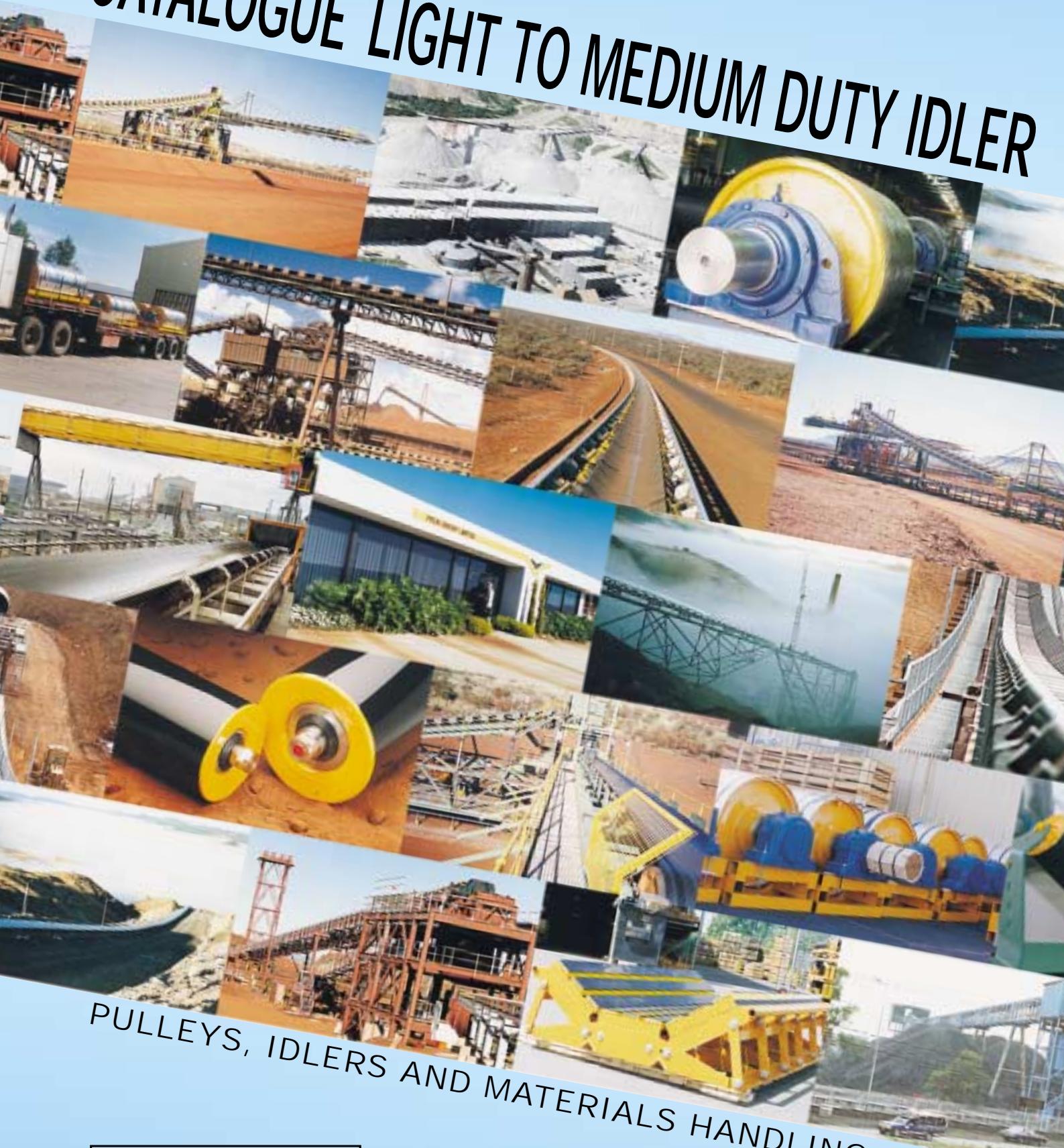


## CATALOGUE LIGHT TO MEDIUM DUTY IDLER

**SANDVIK**

Sandvik Materials Handling

PULLEYS, IDLERS AND MATERIALS HANDLING SYSTEMS

ISSUE 1



# Certificate of Approval

Awarded to

**PROK GROUP LTD**

285 COLLIER ROAD, BAYSWATER,  
WA 6053 AUSTRALIA

*Bureau Veritas Quality International certify that the  
Quality Management System of the above supplier  
has been assessed and found to be in accordance  
with the requirements of the quality  
standards detailed below*

---

QUALITY STANDARDS

---

AS/NZS ISO 9001:1994

---

SCOPE OF SUPPLY

---

**DESIGN AND MANUFACTURE OF CONVEYOR  
PULLEYS IDLERS AND STRUCTURES**

Original approval date: 17<sup>TH</sup> DECEMBER, 1993

*Subject to the continued satisfactory operation of the supplier's  
Quality Management System, this Certificate is valid for a period of three years from:*

2<sup>ND</sup> MARCH, 2000

Date: 14<sup>TH</sup> MARCH, 2000



*b.a.d.c.*  
For Bureau Veritas Quality International Ltd  
12-14 Challenge House  
Bletchley  
Milton Keynes  
UNITED KINGDOM

### IMPORTANT NOTE FOR ALL DESIGNERS AND DRAFTSPERSONS

The information contained in this catalogue is dimensional only

To ensure any product selection performed provides the end users with the lowest total cost of ownership we have provided at page 17 of this catalogue a design submission sheet. If you require Prok to design/select equipment please complete the submission sheet and forward to your nearest Prok office. This selection process may result in some dimensions of the selected equipment differing from those stated in this catalogue.

# INDEX

3 ROLL OFFSET CARRY & IMPACT	PAGE 3
3 ROLL INLINE CARRY & IMPACT	PAGE 4
3 ROLL OFFSET & INLINE PLAIN P/A TRAINER	PAGE 5
SINGLE ROLL FLAT CARRY & IMPACT	PAGE 6
SINGLE ROLL PLAIN & DISC FLAT RETURN	PAGE 7
SINGLE ROLL PLAIN P/A RETURN TRAINER	PAGE 8
2 ROLL PLAIN & DISC VEE RETURN	PAGE 9
2 ROLL PLAIN SUSPENDED VEE RETURN	PAGE 10
3 ROLL SUSPENDED CARRY & IMPACT	PAGE 11
ACCESSORIES	PAGE 12
WEIGH IDLERS	PAGE 15
ORDERING INFORMATION	PAGE 16
PROK IDLER SELECTION DATA SHEET	PAGE 17

## Total Indicator Runout (T.I.R.)

This is a very important tolerance on all conveyor rolls. Excessive T.I.R. causes noisy belt flap, structural vibrations, roll imbalance and reduced bearing life. Prok roll shells are checked regularly during manufacture to ensure they comply with quality standards established by Prok Group.

Prok standard rolls are designed on sound engineering principles with particular attention to achieving:

- better balance
- increased bearing life
- less shell wear
- reduced power consumption
- lower vibration levels
- and quieter running

The high level of balance achieved by Prok begins with the quality of the electric resistance welded high speed conveyor tube used in all Prok rolls.

## Balance

Destructive vibration can arise from imbalance of rollers producing fluctuating loads on the idler and supporting structure.

Excessive imbalance can cause hammer on the bearings and loosening of bearing and seal fits.

The degree of outer balance is controlled on Prok rolls during manufacture.

Every roll is test run after final assembly at an equivalent belt speed of nine (9) metres per second.

## Drag

A key issue in roll performance is drag. Roll drag is important as it can increase power consumption, starting tensions and in some cases, can affect the life of the roll shell. The latter being due to belt drag over the top of the roll thereby causing flat spots on the shell face. Prok has a unique seal design which helps to minimise drag.



## THE BENEFITS OF PROK CONVEYOR IDLERS

It was in 1958 that Prok Engineers saw the need to improve the design of materials handling equipment so as to be capable of handling large tonnages at higher speeds required by mining companies and operators throughout the world to achieve economies in their operation. From this sprang the realisation that much of the hardware available, in particular, idlers and pulleys, were simply not of the standard necessary to make this aim possible.

Thus, the challenge was met by a revolutionary design for conveyor idlers which incorporated the many features found in Prok idlers ever since. These features were unique throughout the world at that time and many remain so even today. From that time Prok have continued their research and development work and this has culminated in idlers which have all the following predominant features.

## Sealing

All Prok rollers incorporate multi-labyrinth sealing and while the details vary between idlers series, the basic principles of the system adopted by Prok and the attributes of the system are common to all rolls.

The grease filled multi-labyrinth seal prevents the ingress of contaminants into the bearing cavity. In addition to the labyrinth seal, the outer seal has minimal clearance where the seal meets the shaft. This seal is further protected by an external weather seal.

An important point to look for in a labyrinth seal is its ability to prevent the ingress of foreign particles into the bearing area. Prok have successfully achieved this.

Prok seal components are manufactured from precision rolled steel coil. To ensure long life and resistance to corrosion all Prok rolls are assembled with galvanised outer seals.

The grease used is specially formulated for its lubricating and sealing properties.

A range of special greases are also available for extreme hot or cold climatic conditions.

The Prok multi-labyrinth seal has been continuously refined to become the most effective seal in the business.



## Bearings

All conveyor idler rolls require the bearing and shaft assembly to operate under deflection conditions. The shaft is only supported at each end and therefore must accept the load from the shell to the bearings at each end. This results in shaft bending and angular deflection at the bearings.

Prok chose Single Row Deep Groove Precision Ball Bearings because they:

- Satisfy deflection criteria without unreasonable increases in shaft diameters between the bearings.
- Will accept the axial thrust component of the load generated by conveyor belt movement across the roller face or where rollers are inclined in the wing position.
- Permit practical shaft diameters which satisfy bearing deflection criteria and allow manufacturers to use normal dynamic capacity ratings to assess B10 bearing life.
- Retain grease at the bearing faces thus permitting an extended period of operation without having to relubricate the roll.
- If the angular deflection limits are exceeded, the effect on ball bearings is less critical than for other bearing types.

## Shell Ends

Prok Shell ends are manufactured on our premises from heavy gauge steel coil strip. They are concentric and correctly sized to suit the selected bearings

## Tube

Prok conveyor tube is produced to Prok specification AS 1165. The tube is carefully rolled and electric resistance welded and drawn to ensure concentricity and that the weld is flush inside and out. Steel grade is minimum C250. Alternative grades can be supplied for special applications. Consult your Prok representative for further information.

## Shell to End Cap Weld

Shell ends are attached to the tube by specially designed welding machines. These special purpose machines ensure that the shell tubing is clamped at the ends at all times during the welding process. Thereby ensuring that only minimum run-out high balance quality rolls are produced.

## Prok Breather Hole

Prok developed the unique breather hole system which still features in our heavy duty range of conveyor rolls.

Each roller has a breather device through which cyclic induction and expulsion of air caused by temperature change can take place, thus removing the opportunity for contaminants to enter the grease reservoir and bearing assembly.

This unique feature ensures that the absolute minimum maintenance is required, and continuous roller re-lubrication is a thing of the past.

These rolls are fitted with internal seals to ensure no foreign matter can enter the bearing cavity from the rear.



## Shafts

A main cause of bearing failure is excessive shaft deflection.

All Prok rolls are designed to limit the extent of deflection to within the allowable limits of the bearing.

Shaft diameters are selected for the idler assembly under full load operating conditions.

## Lubrication

Prok rolls are Factory greased to ensure correct quantity. Large greaseways provided to minimise greasing pressure. Various types of grease are available to suit extreme temperatures.

Provision for regreasing is available if required, but is not recommended.

## Finish

Prok standard paint finishes include solvent washed and spray painted alkyd yellow enamel on rolls and structural members dip painted with DUAL-COAT dipping enamel.

A wide variety of alternate finishes are available. The most common alternative is hot dip galvanising to AS 1650, which can be applied to frames and rollers.

## Alternative Materials

Prok rolls are available in a variety of materials to suit particularly arduous applications, materials such as Aluminium, and high chromium alloys are available. Please contact your nearest Prok Office for further details on our products to solve your really difficult problems.

## Low Noise

Noise generation is becoming an increasing issue with new Government Legislation. Prok Group have developed a range of alternative rolls to address this issue. Each application will be different and may require different roll solutions. Please contact your nearest Prok Office for further details.

## Aluminium Rolls

Prok have developed a range of standard aluminium rolls.

These are ideally suited for use in salt applications or other highly corrosive materials handling systems.

Aluminium rolls offer less resistance to belt acceleration.

Provides less resistance on the conveyor normal running state, as a result of reduced mass of rotating parts.

These standard aluminium rolls are fitted with special seals which are corrosion resistant.

Use of these rolls will significantly reduce supporting structures, particularly on mobile stacking and loading installations.

Consult your nearest PROK office for recommendations.

## IMPORTANT POINTS TO CONSIDER WHEN SELECTING IDLER ROLLERS

- Shaft diameters must be large enough to limit angular deflection at bearings to within bearing supplier recommendations.
- Design of seals must prevent ingress of dirt and water vapour to the bearing cavity.
- Utilise rollers with the minimum external seal gap.
- Choose rollers with large grease cavity.
- Select the roller with a low mass of rotating parts.
- Choose rollers where shell ends are integral with the shell and are pocket-free.
- Maximum performance is achieved where the roller load capacities of shells, shell ends, and bearings are balanced.
- Ensure minimum run-out to prevent vibration transmission to belt.
- Provided for vibration-free running and future capacity increases by selecting high balance rollers.
- Belt protection is enhanced by selecting rollers with well-rounded corners.
- All components of the idler are expected to run for millions of revolutions and should be precision made to closest possible tolerances.
- Utilise precision ball bearings to retain grease and give long maintenance free life.
- Rollers requiring frequent regreasing through grease nipples are subject to ingress of dirt and water to the bearing.
- Rollers with internal rubbing seals such as sealed-for-life bearings with felt or neoprene rubbing seals are subject to wear and eventual bearing failure.
- Rollers should be tightly fitted to a rigid base designed to shed dirt by minimising material buildup.
- Rollers operating in the open or subject to hosing down during inhouse housekeeping should be fitted with weather seals.
- Select rolls in which labyrinth sealing has a minimum grease shear area.

## Features of the Prok Base Frame

Idler bases are designed to provide a minimum gap between rollers, and give added protection to the conveyor belt. Frame outer slopes are designed to prevent material build up around the shell end thereby avoiding premature shell wear due to roll jamming.

Base frame cross members are designed for optimum strength weight ratio whilst providing adequate support for the rolls under load conditions.

## Self Cleaning

The inverted angle base frame has a self cleaning action by virtue of its sloping upper surfaces. This feature eliminates the possibility of rolls jamming due to material build up.

## Welding

Jig welding of the base frames ensures slotted mounting brackets are accurately aligned. This has the effect of reducing installation costs and belt wear. All roll supports are welded to provide smooth weld surfaces for the application of protective coatings. Welds are cleaned prior to surface treatment.

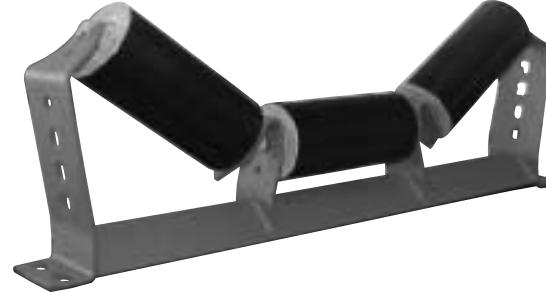
## Blasting

All frames and brackets are shot blasted prior to surface treatment. This process removes mill scale and any oil and grease to ensure good coverage and adhesion of the surface coatings.

Shot blasting is to AS 1627, Part 4-1989, class 2.

## Inspection

All frames are inspected prior to commencing the welding run to confirm accuracy of major dimensions. Selected frames are removed from the productions run at intervals and subjected to full dimension checks and weld quality inspection.



## PROK IDLER STANDARD DATA

Unless otherwise agreed PROK idlers will be supplied to the standards listed below. These standards have been developed over 40 years of research and experience in conveyor design to suit customer requirements. The resulting product is technically and commercially sound, and is designed to virtually eliminate the need for maintenance. Quality controls and systems are in place in accordance with AS/NZS I.S.O. 9001 - 1994. Our certification body is BUREAU VERITAS QUALITY INTERNATIONAL, who are recognized throughout the world, in the field of quality and safety standards.

### IDLER MOUNTING CENTERS

To generally conform with ISO 1535 and accepted Australian practice, the mounting hole centers listed in the dimensional tables are based on:-

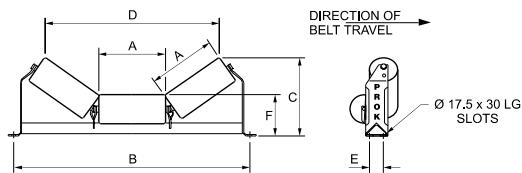
BELT WIDTH + 250 mm for belts up to and including 1200 mm.  
BELT WIDTH + 300 mm for belts over 1200 mm up to and including 1500 mm.  
BELT WIDTH + 400 mm for belts 1600 mm and over.

Mounting foot slots are sized throughout the range to suit M 12 bolts.  
We also recommend the use of M12 flat washers for attachment to the structure.

BASIC PROK ROLL CHARACTERISTICS				
Prok Series	Roll Dia.	Bearing Designation	Bearing Dynamic Capacity	C.E.M.A. Rating
05	114	6205	14.0 kN	C4 1/2
10	102	6204	12.7 kN	C4
11	114	6204	12.7 kN	C4 1/2
12	127	6204	12.7 kN	C5
15	127	6205	14.0 kN	C5
20	152	6205	14.0 kN	C6
25	127	6305	22.5 kN	C5
30	152	6305	22.5 kN	C6
35	152	6306	28.1 kN	E6
40	178	6306	28.1 kN	E7
45	152	6307	33.2 kN	E6 plus
50	178	6307	33.2 kN	E7 plus
54	152	6308	41.0 kN	super 6
55	152	6309	52.7 kN	super 6+
59	178	6308	41.0 kN	super 7
60	178	6309	52.7 kN	super 7+

### MANUFACTURING TOLERANCES.

Nominal O.D. of Roll - Steel Shell	+/- 0.3 mm	Roll corner radius:	3.0 mm minimum
Rubber Disc	+/- 0.8 mm	Corner weld penetration:	80% minimum
Thickness of Steel shell:	+/- 0.5 mm	Total Indicator Reading (T.I.R.) Runout max.	
Roll face length:	+/- 1.5 mm	Over steel shell: Up to 750 mm long: 0.50 mm	
Center roll height above base line	+/- 2.0 mm	Above 750 mm long: 0.0007 x length	
Transverse hole centers:	+/- 2.0 mm	Out of balance: Standard rolls - 0.056 Nm	
Longitudinal hole centers:	+/- 2.0 mm	Weighing rolls - 0.014 Nm	
Return bracket drop height:	+/- 2.0 mm	Angular deflection at bearing under full load 10 min.	
Trough angle:	+/- 1°		



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	20°				30°				35°				45°				E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL			R.P.	TOTAL
05105-0350-00	137	600	226	427	246	389	254	367	274	334	60	177	5.1	14.0								
05105-0400-00	155	650	232	479	255	438	264	415	286	377	60	177	5.5	15.0								
05105-0450-00	173	700	238	531	264	487	274	462	299	420	60	177	6.0	16.0								
05105-0500-00	190	750	244	580	272	534	284	507	311	462	60	177	6.3	17.0								
05105-0600-00	225	850	256	681	290	630	304	599	336	546	60	177	7.2	18.8								
05105-0650-00	245	900	263	738	300	684	316	652	350	594	60	177	7.8	20.0								
05105-0750-00	279	1000	275	836	317	777	335	742	374	676	60	177	8.4	21.9								
05105-0800-00	295	1050	280	882	325	821	344	784	385	715	60	177	9.0	23.6								
05105-0900-00	332	1150	293	989	343	922	366	881	411	804	60	177	9.9	25.8								
05105-1000-00	359	1250	302	1067	357	996	381	953	431	870	60	177	10.5	29.7								
05105-1050-00	384	1300	311	1139	369	1064	395	1019	448	930	60	177	11.1	31.3								
05105-1200-00	437	1450	329	1291	396	1209	426	1159	486	1058	60	177	12.3	34.5								

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

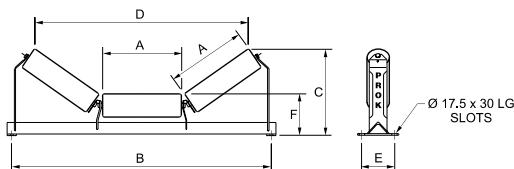
CODE NUMBER	A	B	20°				30°				35°				45°				E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL			R.P.	TOTAL
12105-0350-00	138	600	230	425	250	386	258	363	277	328	60	181	6.0	13.9								
12105-0400-00	156	650	232	479	255	438	264	415	286	377	60	181	6.6	15.1								
12105-0450-00	174	700	238	531	264	487	274	462	299	420	60	181	6.9	16.1								
12105-0500-00	191	750	249	578	276	530	288	503	315	456	60	181	7.5	17.0								
12105-0600-00	226	850	261	679	294	626	308	595	339	540	60	181	8.4	18.8								
12105-0650-00	246	900	267	736	304	681	320	648	353	589	60	181	9.0	20.0								
12105-0750-00	280	1000	279	834	321	773	339	737	377	671	60	181	9.9	21.9								
12105-0800-00	296	1050	285	880	329	817	348	780	387	709	60	181	10.5	23.6								
12105-0900-00	333	1150	297	987	347	918	370	877	415	799	60	181	11.4	26.1								
12105-1000-00	360	1250	306	1063	361	992	385	948	434	864	60	181	12.0	30.3								
12105-1050-00	385	1300	315	1137	373	1060	399	1014	452	924	60	181	12.9	31.6								
12105-1200-00	438	1450	333	1289	400	1205	430	1154	489	1052	60	181	14.4	35.1								

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

CODE NUMBER	A	B	20°				30°				35°				45°				E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL			R.P.	TOTAL
10105-0350-00	133	600	218	429	238	394	246	373	266	342	60	169	3.9	11.8								
10105-0400-00	151	650	224	481	247	443	256	420	279	385	60	169	4.2	12.7								
10105-0450-00	169	700	230	533	262	492	267	468	292	429	60	169	4.5	13.4								
10105-0500-00	186	750	236	582	264	538	276	513	304	470	60	169	4.8	14.3								
10105-0600-00	221	850	248	683	282	634	296	605	329	554	60	169	5.4	15.8								
10105-0650-00	241	900	255	740	292	689	308	658	343	603	60	169	5.7	16.7								
10105-0750-00	275	1000	266	838	309	782	327	748	367	685	60	169	6.3	18.3								
10105-0800-00	291	1050	272	884	317	825	337	790	378	723	60	169	6.6	20.0								
10105-0900-00	328	1150	285	991	335	926	358	887	404	813	60	169	7.5	21.6								
10105-1000-00	355	1250	294	1068	349	1000	373	959	423	878	60	169	7.8	26.1								
10105-1050-00	380	1300	302	1140	361	1069	388	1025	441	938	60	169	8.4	27.1								
10105-1200-00	433	1450	320	1293	388	1213	418	1164	479	1066	60	169	9.3	30.0								

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

CODE NUMBER	A	B	20°				30°				35°				45°				E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL	R.P.	TOTAL			R.P.	TOTAL
11105-0350-00	136	600	224	428	244	390	252	368	272	336	60	175	5.1	13.0								
11105-0400-00	154	650	230	480	253	439	262	416	284	379	60	175	5.4	13.9								
11105-0450-00	172	700	236	532	262	489	272	463	297	423	60	175	6.0	14.9								
11105-0500-00	189	750	242	581	270	535	282	508	309	464	60	175	6.3	15.8								
11105-0600-00	224	850	254	681	288	631	302	601	334	548	60	175	7.2	17.6								
11105-0650-00	244	900	261	739	298	685	314	653	348	596	60	175	7.5	18.5								
11105-0750-00	278	1000	273	837	315	778	333	743	372	678	60	175	8.4	20.4								
11105-0800-00	294	1050	278	882	323	822	342	785														



## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	20°		30°		35°		45°		E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D				
15113-0500-00	191	750	275	606	303	565	317	541	340	492	140	205	7.5	20.3
15113-0600-00	226	850	286	707	320	660	337	633	365	577	140	205	8.4	22.4
15113-0650-00	246	900	293	764	330	715	348	686	379	625	140	205	9.0	23.3
15113-0750-00	280	1000	305	862	347	808	368	776	403	707	140	205	9.9	25.4
15113-0800-00	296	1050	317	908	362	852	384	818	422	746	150	212	10.8	27.8
15113-0900-00	333	1150	330	1015	381	953	405	915	448	835	150	212	11.7	30.1
15113-1000-00	360	1250	348	1092	403	1026	430	987	476	900	165	221	12.6	34.9
15113-1050-00	385	1300	357	1164	416	1095	444	960	455	991	165	221	13.2	37.8
15113-1200-00	438	1450	386	1317	453	1240	485	1192	542	1088	180	232	14.4	41.6
15113-1350-00	490	1650	404	1467	479	1382	515	1330	579	1214	180	232	15.9	45.7
15113-1400-00	496	1700	414	1484	490	1398	527	1345	591	1228	200	240	15.9	53.7
15113-1500-00	543	1800	430	1619	514	1526	554	1469	624	1342	200	240	17.1	57.0
15113-1600-00	563	2000	457	1677	544	1581	585	1522	658	1390	240	260	17.7	70.6
15113-1800-00	627	2200	479	1861	576	1756	622	1691	704	1545	240	260	19.5	79.0

## SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205

CODE NUMBER	A	B	20°		30°		35°		45°		E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D				
20113-0500-00	194	750	287	600	315	555	328	529	350	477	140	218	12.3	25.1
20113-0600-00	229	850	299	701	332	650	348	621	375	561	140	218	13.8	27.8
20113-0650-00	249	900	306	759	342	705	359	674	389	609	140	218	14.7	29.3
20113-0750-00	283	1000	317	856	359	798	379	764	413	691	140	218	16.2	31.7
20113-0800-00	299	1050	330	902	374	842	395	806	431	730	150	225	17.4	34.4
20113-0900-00	336	1150	342	1009	393	943	416	904	458	819	150	225	18.9	37.3
20113-1000-00	363	1250	361	1087	415	1017	441	975	486	885	165	234	20.1	43.9
20113-1050-00	388	1300	369	1159	426	1085	455	1041	503	945	165	234	21.3	45.9
20113-1200-00	441	1450	398	1311	465	1230	497	1181	552	1073	180	245	23.7	52.7
20113-1350-00	493	1650	416	1461	491	1372	526	1318	589	1198	180	245	25.8	57.7
20113-1400-00	499	1700	426	1478	502	1388	538	1334	601	1213	200	253	26.1	65.7
20113-1500-00	546	1800	442	1614	526	1516	565	1458	634	1326	200	253	28.2	72.3
20113-1600-00	566	2000	469	1671	556	1571	596	1510	668	1375	240	273	29.1	86.2
20113-1800-00	630	2200	491	1856	588	1746	633	1679	714	1529	240	273	31.5	91.0

## SERIES 25 ROLL DIAMETER 127 BEARING SIZE 6305

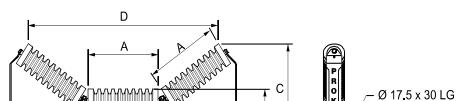
CODE NUMBER	A	B	20°		30°		35°		45°		E	F	MASS Kgs.		
			C	D	C	D	C	D	C	D					
25113-0750-00	280	1000	305	862	347	808	368	776	403	707	140	205	10.5	26.0	
25113-0800-00	296	1050	317	908	362	852	384	818	422	746	150	212	12.7	27.8	
25113-0900-00	333	1150	330	1015	381	953	405	915	448	835	150	212	11.7	30.1	
25113-1000-00	360	1250	348	1092	403	1026	430	987	476	900	165	221	12.6	34.9	
25113-1050-00	385	1300	357	1164	416	1095	444	960	455	991	1228	200	240	16.2	48.1
25113-1400-00	496	1700	414	1484	490	1398	527	1345	591	1228	200	240	16.2	56.1	
25113-1500-00	543	1800	430	1619	514	1526	554	1469	624	1342	200	240	17.1	61.8	
25113-1600-00	563	2000	457	1677	544	1581	585	1522	658	1390	240	260	18.0	75.4	
25113-1800-00	627	2200	479	1861	576	1756	622	1691	704	1545	240	260	19.8	82.0	

## SERIES 30 ROLL DIAMETER 152 BEARING SIZE 6305

CODE NUMBER	A	B	20°		30°		35°		45°		E	F	MASS Kgs.	
			C	D	C	D	C	D	C	D				
30113-0750-00	283	1000	317	856	356	798	379	764	413	691	140	218	16.8	32.3
30113-0800-00	299	1050	330	902	374	842	395	806	431	730	150	225	17.4	34.4
30113-0900-00	336	1150	342	1009	393	943	416	904	458	819	150	225	18.9	37.3
30113-1000-00	363	1250	361	1087	415	1017	441	975	486	885	165	234	20.1	43.9
30113-1050-00	388	1300	369	1159	426	1085	455	1041	503	945	165	234	21.3	45.9
30113-1200-00	441	1450	398	1311	465	1230	497	1181	552	1073	180	245	23.7	52.7
30113-1350-00	493	1650	416	1461	491	1372	526	1318	589	1198	180	245	25.8	57.7
30113-1400-00	499	1700	426	1478	502	1388	538	1334	601	1213	200	253	26.1	65.7
30113-1500-00	546	1800	442	1614	526	1516	565	1458	634	1326	200	253	28.2	72.3
30113-1600-00	566	2000	469	1671	556	1571	596	1510	668	1375	240	273	29.1	86.2
30113-1800-00	630	2200	491	1856	588	1746	633	1679	714	1529	240	273	31.8	94.0

## Note: Nominated E &amp; F dimensions are based on standard base angle sizes. These dimensions will vary with a change in base angle size as tabulated below.

ANGLE	SERIES 15 & 25 INLINE			
	E	F	E	F
55x65x5EA	140	205	140	218
65x65x5EA	150	212	150	225
75x75x6EA	165	221	165	234
90x90x6EA	180	232	180	245
100x100x8EA	200	240	200	253
125x125x8EA	240	260	240	273



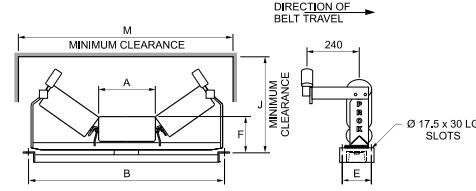
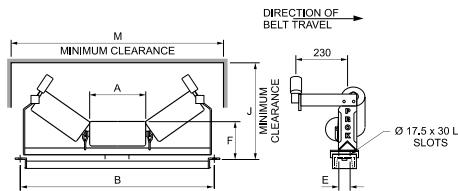
## SERIES 15 ROLL DIAMETER 133 IMPACT BEARING SIZE 6205

CODE NUMBER	A	B	20°		30°		35°		45°		E	F	MASS Kgs.
C	D	C	D	C	D	C	D	R.P.	TOTAL				




<tbl\_r cells="14" ix="4" maxcspan="1" maxrspan="1" usedcols="

THREE ROLL PLAIN P/A OFFSET TRAINER



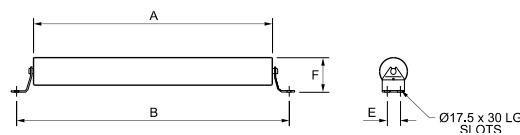
CODE NUMBER	A	B	ROLL DIAMETER 102 OFFSET BEARING SIZE 6204						E	F	MASS KGS.			
			20°		30°		35°							
			J	M	J	M	J	M						
10108-0350-00	133	600	369	776	394	766	402	738	427	724	60	177	3.9	39.0
10108-0400-00	151	650	372	810	398	798	412	786	438	764	60	177	4.2	40.3
10108-0450-00	169	700	378	855	407	847	423	833	451	808	60	177	4.5	41.4
10108-0500-00	186	750	384	910	415	893	132	878	463	848	60	177	4.8	42.7
10108-0600-00	221	850	395	1012	433	984	452	970	488	933	60	177	5.4	45.2
10108-0650-00	241	900	399	1050	443	1043	458	1006	495	967	60	177	5.7	46.5
10108-0750-00	275	1000	411	1148	455	1119	478	1096	519	1049	60	177	6.3	49.0
10108-0800-00	291	1050	416	1194	463	1163	487	1138	530	1088	60	177	6.6	51.2
10108-0900-00	328	1150	429	1300	481	1264	508	1236	556	1177	60	177	7.5	53.7
10108-1000-00	355	1250	441	1397	501	1355	529	1324	583	1256	60	177	7.8	65.1
10108-1050-00	380	1300	443	1432	507	1406	538	1373	593	1302	60	177	8.4	66.8
10108-1200-00	433	1450	461	1584	529	1534	562	1496	624	1416	60	177	9.3	71.6

CODE NUMBER	A	B	ROLL DIAMETER 114 OFFSET BEARING SIZE 6204						E	F	MASS KGS.			
			20°		30°		35°							
			J	M	J	M	J	M						
11108-0350-00	136	600	369	776	394	766	402	738	427	724	60	183	5.1	40.2
11108-0400-00	154	650	372	810	398	798	412	786	438	764	60	183	5.4	41.5
11108-0450-00	172	700	378	855	407	847	423	833	451	808	60	183	6.0	42.9
11108-0500-00	189	750	384	910	415	893	132	878	463	848	60	183	6.3	44.2
11108-0600-00	224	850	395	1012	433	984	452	970	488	933	60	183	7.2	47.0
11108-0650-00	244	900	399	1050	443	1043	458	1006	495	967	60	183	7.5	48.3
11108-0750-00	278	1000	411	1148	455	1119	478	1096	519	1049	60	183	8.4	51.1
11108-0800-00	294	1050	416	1194	463	1163	487	1138	530	1088	60	183	8.7	53.3
11108-0900-00	331	1150	429	1300	481	1264	508	1236	556	1177	60	183	9.6	56.1
11108-1000-00	358	1250	441	1397	501	1355	529	1324	583	1256	60	183	10.2	67.5
11108-1050-00	383	1300	443	1432	507	1406	538	1373	593	1302	60	183	10.8	69.5
11108-1200-00	436	1450	461	1584	529	1534	562	1496	624	1416	60	183	12.3	74.6

CODE NUMBER	A	B	ROLL DIAMETER 127 OFFSET BEARING SIZE 6204						E	F	MASS KGS.			
			20°		30°		35°							
			J	M	J	M	J	M						
12108-0350-00	138	600	369	776	394	766	402	738	427	724	60	189	6.0	41.1
12108-0400-00	156	650	372	810	398	798	412	786	438	764	60	189	6.6	42.7
12108-0450-00	174	700	378	855	407	847	423	833	451	808	60	189	6.9	44.4
12108-0500-00	191	750	384	910	415	893	132	878	463	848	60	189	7.5	45.4
12108-0600-00	226	850	395	1012	433	984	452	970	488	933	60	189	8.4	48.1
12108-0650-00	246	900	399	1050	443	1043	458	1006	495	967	60	189	9.0	49.8
12108-0750-00	280	1000	411	1148	455	1119	478	1096	519	1049	60	189	9.9	52.6
12108-0800-00	296	1050	416	1194	463	1163	487	1138	530	1088	60	189	10.5	54.8
12108-0900-00	333	1150	429	1300	481	1264	508	1236	556	1177	60	189	11.4	58.2
12108-1000-00	360	1250	441	1397	501	1355	529	1324	583	1256	60	189	12.0	69.3
12108-1050-00	385	1300	443	1432	507	1406	538	1373	593	1302	60	189	12.9	71.3
12108-1200-00	438	1450	461	1584	529	1534	562	1496	624	1416	60	189	14.4	76.7

CODE NUMBER	A	B	ROLL DIAMETER 127 OFFSET BEARING SIZE 6205						E	F	MASS KGS.			
			20°		30°		35°							
			J	M	J	M	J	M						
15108-0350-00	138	600	369	776	394	766	402	738	427	724	60	191	6.0	42.1
15108-0400-00	156	650	372	810	398	798	412	786	438	764	60	191	6.5	43.6
15108-0450-00	174	700	378	855	407	847	423	833	451	808	60	191	7.0	45.1
15108-0500-00	191	750	384	910	415	893	132	878	463	848	60	191	7.5	46.6
15108-0600-00	226	850	395	1012	433	984	452	970	488	933	60	191	8.4	49.7
15108-0650-00	246	900	399	1050	443	1043	458	1006	495	967	60	191	9.0	51.0
15108-0750-00	280	1000	411	1148	455	1119	478	1096	519	1049	60	191	9.9	54.1
15108-0800-00	296	1050	416	1194	463	1163	487	1138	530	1088	60	191	10.5	56.3
15108-0900-00	333	1150	429	1300	481	1264	508	1236	556	1177	60	191	11.4	59.4
15108-1000-00	360	1250	441	1397	501	1355	529	1324	583	1256	60	191	12.3	70.5
15108-1050-00	385	1300	443	1432	507	1406	538	1373	593	1302	60	191	12.9	72.8
15108-1200-00	438	1450	461	1584	529	1534	562	1496	624	1416	60	191	14.4	78.2

CODE NUMBER	A	B	ROLL DIAMETER 127 INLINE BEARING SIZE 6205						E	F	MASS KGS.			
			20°		30°		35°							
			J	M	J	M	J	M						
15116-0500-00	191	750	404	962	435	933	448</							



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
05155-0500	595	750	60	152	5.4	10.2
05155-0600	695	850	60	152	6.1	12.2
05155-0650	745	900	60	152	6.5	12.9
05155-0750	845	1000	60	152	7.3	14.3
05155-0800	895	1050	60	152	7.7	15.0
05155-0900	995	1150	60	152	8.5	17.6
05155-1000	1095	1250	60	152	9.3	19.1
05155-1050	1145	1300	60	152	9.7	19.8
05155-1200	1295	1450	60	152	10.9	22.0

## SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
20155-0500	599	750	60	171	10.0	15.6
20155-0600	699	850	60	171	11.5	17.6
20155-0650	749	900	60	171	12.2	18.6
20155-0750	849	1000	60	171	13.7	21.7
20155-0800	899	1050	60	171	14.4	22.8
20155-0900	999	1150	60	171	15.9	24.9
20155-1000	1099	1250	60	171	17.3	27.1
20155-1050	1149	1300	60	171	18.1	28.1
20155-1200	1299	1450	60	171	20.3	33.1
20155-1350	1499	1650	60	171	23.2	37.7
20155-1400	1549	1700	60	171	23.9	38.8

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
10155-0350	441	600	60	144	3.2	6.8
10155-0400	491	650	60	144	3.5	7.8
10155-0450	541	700	60	144	3.8	8.4
10155-0500	591	750	60	144	4.1	8.9
10155-0600	691	850	60	144	4.7	10.0
10155-0650	741	900	60	144	5.0	11.4
10155-0750	841	1000	60	144	5.6	12.6
10155-0800	891	1050	60	144	5.9	13.1
10155-0900	991	1150	60	144	6.5	14.3
10155-1000	1091	1250	60	144	7.1	16.9
10155-1050	1141	1300	60	144	7.5	17.5
10155-1200	1291	1450	60	144	8.4	19.5

## SERIES 25 ROLL DIAMETER 127 BEARING SIZE 6305

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
25155-0750	846	1000	60	158	8.6	17.9
25155-0800	896	1050	60	158	9.1	18.8
25155-0900	996	1150	60	158	10.0	20.5
25155-1000	1096	1250	60	158	10.9	23.8
25155-1050	1146	1300	60	158	11.4	24.8
25155-1200	1296	1450	60	158	12.8	27.6
25155-1350	1496	1650	60	158	14.6	33.7
25155-1400	1546	1700	60	158	15.1	34.7
25155-1500	1646	1800	60	158	16.0	36.8
25155-1600	1846	2000	60	158	17.8	40.8
25155-1800	2046	2200	60	158	19.6	48.3

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

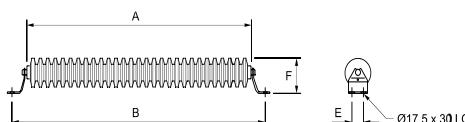
CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
11155-0500	594	750	60	150	5.3	10.1
11155-0600	694	850	60	150	6.1	12.2
11155-0650	744	900	60	150	6.5	12.9
11155-0750	844	1000	60	150	7.3	14.2
11155-0800	894	1050	60	150	7.7	14.9
11155-0900	994	1150	60	150	8.5	16.3
11155-1000	1094	1250	60	150	9.3	19.0
11155-1050	1144	1300	60	150	9.7	19.8
11155-1200	1294	1450	60	150	10.9	22.0

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
12155-0500	596	750	60	156	6.2	11.0
12155-0600	696	850	60	156	7.1	13.2
12155-0650	746	900	60	156	7.6	13.9
12155-0750	846	1000	60	156	8.5	15.4
12155-0800	896	1050	60	156	8.9	16.2
12155-0900	996	1150	60	156	9.9	17.7
12155-1000	1096	1250	60	156	10.8	20.5
12155-1050	1146	1300	60	156	11.2	21.3
12155-1200	1296	1450	60	156	12.6	23.7
12155-1350	1496	1650	60	156	14.4	28.9
12155-1400	1546	1700	60	156	14.9	29.8

## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
15155-0500	596	750	60	158	6.2	11.1
15155-0600	696	850	60	158	7.1	12.4
15155-0650	746	900	60	158	7.6	13.1
15155-0750	846	1000	60	158	8.5	15.5
15155-0800	896	1050	60	158	9.0	16.2
15155-0900	996	1150	60	158	9.9	17.7
15155-1000	1096	1250	60	158	10.8	19.2
15155-1050	1146	1300	60	158	11.3	21.3
15155-1200	1296	1450	60	158	12.6	23.8
15155-1350	1496	1650	60	158	14.5	27.0
15155-1400	1546	1700	60	158	15.0	27.8

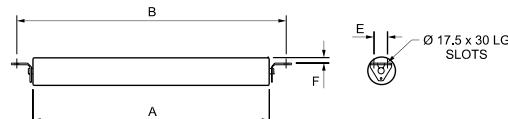


## SERIES 15 ROLL DIAMETER 133 IMPACT BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
15156-0350	446	600	60	161	7.4	11.5
15156-0400	496	650	60	161	8.2	12.6
15156-0450	546	700	60	161	9.0	13.6
15156-0500	596	750	60	161	10.0	14.8
15156-0600	696	850	60	161	11.6	17.7
15156-0650	746	900	60	161	12.5	18.8
15156-0750	846	1000	60	161	14.1	21.0
15156-0800	896	1050	60	161	14.9	23.2
15156-0900	996	1150	60	161	16.7	25.8
15156-1000	1096	1250	60	161	18.5	28.3
15156-1050	1146	1300	60	161	19.3	29.4
15156-1200	1296	1450	60	161	21.8	34.6
15156-1350	1496	1650	60	161	25.2	39.7
15156-1400	1546	1700	60	161	26.0	40.9
15156-1500	1646	1800	60	161	27.6	43.4

Note: \*RP\* is an abbreviation for Rotating Parts.

To ensure correct product selection or to enable PROK to select the correct product, please complete &amp; submit the sheet on page 17 to your nearest PROK office.



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
05161-0500	595	750	60	19	5.4	10.0
05161-0600	695	850	60	19	6.1	11.2
05161-0650	745	900	60	19	6.5	11.9
05161-0750	845	1000	60	19	7.3	13.1
05161-0800	895	1050	60	19	7.7	13.8
05161-0900	995	1150	60	19	8.5	15.0
05161-1000	1095	1250	60	19	9.3	16.3
05161-1050	1145	1300	60	19	9.7	18.2
05161-1200	1295	1450	60	19	10.9	20.2

## SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
20161-0500	599	750	60	38	10.0	14.7
20161-0600	699	850	60	38	11.5	16.6
20161-0650	749	900	60	38	12.2	17.6
20161-0750	849	1000	60	38	13.7	19.5
20161-0800	899	1050	60	38	14.4	20.5
20161-0900	999	1150	60	38	15.9	22.4
20161-1000	1099	1250	60	38	17.3	25.5
20161-1050	1149	1300	60	38	18.1	26.5
20161-1200	1299	1450	60	38	20.3	29.6
20161-1350	1499	1650	60	38	23.2	33.6
20161-1400	1549	1700	60	38	23.9	34.7

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
10161-0350	441	600	60	11	3.2	6.3
10161-0400	491	650	60	11	3.5	6.8
10161-0450	541	700	60	11	3.8	7.3
10161-0500	591	750	60	11	4.1	7.7
10161-0600	691	850	60	11	4.7	9.1
10161-0650	741	900	60	11	5.0	9.6
10161-0750	841	1000	60	11	5.6	11.4
10161-0800	891	1050	60	11	5.9	11.9
10161-0900	991	1150	60	11	6.5	13.0
10161-1000	1091	1250	60	11	7.2	14.1
10161-1050	1141	1300	60	11	7.5	14.6
10161-1200	1291	1450	60	11	8.4	16.2

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
11161-0500	594	750	60	17	5.3	9.3
11161-0600	694	850	60	17	6.1	10.5
11161-0650	744	900	60	17	6.5	11.1
11161-0750	844	1000	60	17	7.3	13.1
11161-0800	894	1050	60	17	7.7	13.7
11161-0900	994	1150	60	17	8.5	15.0
11161-1000	1094	1250	60	17	9.3	16.2
11161-1050	1144	1300	60	17	9.7	16.9
11161-1200	1294	1450	60	17	10.9	20.2

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
12161-0500	596	750	60	23	6.2	10.2
12161-0600	696	850	60	23	7.1	11.5
12161-0650	746	900	60	23	7.6	12.1
12161-0750	846	1000	60	23	8.5	14.3
12161-0800	896	1050	60	23	9.0	15.0
12161-0900	996	1150	60	23	9.9	16.3
12161-1000	1096	1250	60	23	10.8	17.7
12161-1050	1146	1300	60	23	11.3	18.4
12161-1200	1296	1450	60	23	12.6	21.9
12161-1350	1496	1650	60	23	14.5	24.9
12161-1400	1546	1700	60	23	14.9	25.6

## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	E	F	MASS Kgs	
					R.P.	TOTAL
15161-0500	596	750	60	25	6.2	10.9
15161-0600	696	850	60	25	7.1	12.2
15161-0650	746	900	60	25	7.6	12.9
15161-0750	846	1000	60	25	8.5	14.3
15161-0800	896	1050	60	25	9.0	15.0
15161-0900	996	1150	60	25	9.9	16.4
15161-1000	1096	1250	60	25	10.8	17.8
15161-1050	1146	1300	60	25	11.3	19.7
15161-1200	1296	1450	60	25	12.7	22.0
15161-1350	1496	1650	60	25	14.5	24.9
15161-1400	1546	1700	60	25	14.9	25.7

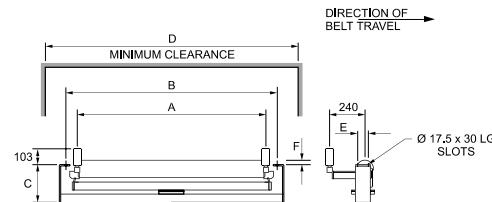
## SERIES 15 ROLL DIAMETER 127 DISC BEARING SIZE 6205

CODE NUMBER	A	B	E	F	G	H	MASS Kgs	
							R.P.	TOTAL
15162-0500	596	750	60	25	160	575	9.3	14.0
15162-0600	696	850	60	25	160	675	10.1	15.2
15162-0650	746	900	60	25	160	725	10.8	16.1
15162-0750	846	1000	60	25	160	825	11.5	17.3
15162-0800	896	1050	60	25	160	875	12.3	18.3
15162-0900	996	1150	60	25	160	975	13.0	19.5
15162-1000	1096	1250	60	25	160	1075	14.1	21.1
15162-1050	1146	1300	60	25	160	1125	14.5	22.9
15162-1200	1296	1450	60	25	160	1275	16.0	25.3
15162-1350	1496	1650	60	25	160	1425	17.8	28.2
15162-1400	1546	1700	60	25	160	1475	18.5	29.3

Note: \*RP\* is an abbreviation for Rotating Parts.

Note: \*RP\* is an abbreviation for Rotating Parts.

To ensure correct product selection or to enable PROK to select the correct product, please complete &amp; submit the sheet on page 17 to your nearest PROK office.



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
05163-0500	595	750	248	830	60	27	5.4	36.2
05163-0600	695	850	248	930	60	27	6.1	39.0
05163-0650	745	900	248	980	60	27	6.5	40.4
05163-0750	845	1000	248	1080	60	27	7.3	43.2
05163-0800	895	1050	248	1130	60	27	7.7	44.7
05163-0900	995	1150	248	1230	60	27	8.5	47.5
05163-1000	1095	1250	248	1330	60	27	9.3	50.4
05163-1050	1145	1300	248	1380	60	27	9.7	53.0
05163-1200	1295	1450	255	1530	60	27	10.9	58.5

## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
15163-0500	596	750	248	830	60	34	6.2	44.0
15163-0600	696	850	248	930	60	34	7.1	46.9
15163-0650	746	900	248	980	60	34	7.6	48.3
15163-0750	846	1000	248	1080	60	34	8.5	51.3
15163-0800	896	1050	248	1130	60	34	9.0	52.8
15163-0900	996	1150	248	1230	60	34	9.9	55.8
15163-1000	1096	1250	248	1330	60	34	10.8	58.8
15163-1050	1146	1300	248	1380	60	34	11.3	61.4
15163-1200	1296	1450	255	1530	60	34	12.7	67.2
15163-1350	1496	1650	277	1730	60	34	14.5	86.6
15163-1400	1546	1700	277	1780	60	34	14.9	88.6

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
10163-0350	441	600	248	680	60	19	3.2	37.0
10163-0400	491	650	248	730	60	19	3.5	38.3
10163-0450	541	700	248	780	60	19	3.8	39.6
10163-0500	591	750	248	830	60	19	4.1	40.8
10163-0600	691	850	248	930	60	19	4.7	43.8
10163-0650	741	900	248	980	60	19	5.0	45.0
10163-0750	841	1000	248	1080	60	19	5.6	48.4
10163-0800	891	1050	248	1130	60	19	5.9	49.4
10163-0900	991	1150	248	1230	60	19	6.5	52.4
10163-1000	1091	1250	248	1330	60	19	7.2	55.1
10163-1050	1141	1300	248	1380	60	19	7.5	56.3
10163-1200	1291	1450	255	1530	60	19	8.4	61.4

## SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
20163-0500	599	750	248	830	60	46	10.0	47.8
20163-0600	699	850	248	930	60	46	11.5	51.3
20163-0650	749	900	248	980	60	46	12.2	53.0
20163-0750	849	1000	248	1080	60	46	13.7	56.5
20163-0800	899	1050	248	1130	60	46	14.4	58.2
20163-0900	999	1150	248	1230	60	46	15.9	61.8
20163-1000	1099	1250	248	1330	60	46	17.3	66.5
20163-1050	1149	1300	248	1380	60	46	18.1	68.2
20163-1200	1299	1450	255	1530	60	46	20.3	74.8
20163-1350	1499	1650	277	1730	60	46	23.2	95.7
20163-1400	1549	1700	277	1780	60	46	23.9	97.6

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
11163-0500	594	750	248	830	60	25	5.3	42.4
11163-0600	694	850	248	930	60	25	6.1	45.2
11163-0650	744	900	248	980	60	25	6.5	46.5
11163-0750	844	1000	248	1080	60	25	7.3	50.1
11163-0800	894	1050	248	1130	60	25	7.7	51.5
11163-0900	994	1150	248	1230	60	25	8.5	54.4
11163-1000	1094	1250	248	1330	60	25	9.3	57.2
11163-1050	1144	1300	248	1380	60	25	9.7	62.2
11163-1200	1294	1450	255	1530	60	25	10.9	65.4

## SERIES 25 ROLL DIAMETER 127 BEARING SIZE 6305

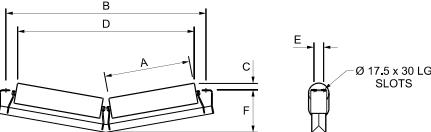
CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
25163-0750	846	1000	248	1080	60	34	8.7	52.5
25163-0800	896	1050	248	1130	60	34	9.1	54.0
25163-0900	996	1150	248	1230	60	34	10.0	58.3
25163-1000	1096	1250	248	1330	60	34	10.9	61.5
25163-1050	1146	1300	248	1380	60	34	11.4	63.0
25163-1200	1296	1450	255	1530	60	34	12.8	68.8
25163-1350	1496	1650	277	1730	60	34	14.6	90.7
25163-1400	1546	1700	277	1780	60	34	15.1	92.7
25163-1500	1646	1800	298	1880	60	34	16.0	108.6
25163-1600	1846	2000	298	2080	60	34	17.8	117.7
25163-1800	2046	2200	318	2280	60	34	19.7	140.4

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	
							R.P.	TOTAL
12163-0500	596	750	248	830	60	32	6.2	43.3
12163-0600	696	850	248	930	60	32	7.1	46.2
12163-0650	746	900	248	980	60	32	7.6	47.5
12163-0750	846	1000	248	1080	60	32	8.5	51.3
12163-0800	896	1050	248	1130	60	32	9.0	52.8
12163-0900	996	1150	248	1230	60	32	9.9	55.7
12163-1000	1096	1250	248	1330	60	32	10.8	58.7
12163-1050	1146	1300	248	1380	60	32	11.3	60.1
12163-1200	1296	1450	255	1530	60	32	12.6	67.1
12163-1350	1496	1650	277	1730	60	32	14.5	86.6
12163-1400	1546	1700	277	1780	60	32	14.9	88.5

## SERIES 30 ROLL DIAMETER 152 BEARING SIZE 6305

CODE NUMBER	A	B	C	D	E	F	MASS Kgs	



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	5°			10°			15°			E	MASS Kgs.	
			C	D	F	C	D	F	C	D	F		R.P.	TOTAL
05169-0600-00	342	850	44	724	189	35	708	230	26	687	273	60	6.6	20.2
05169-0650-00	364	900	44	768	191	35	752	235	25	729	280	60	7.0	21.1
05169-0750-00	418	1000	44	876	195	35	858	243	25	834	294	60	7.8	23.0
05169-0800-00	437	1050	43	914	197	34	895	248	23	870	300	60	8.2	23.7
05169-0900-00	489	1150	43	1017	202	34	998	257	23	971	314	60	9.0	25.6
05169-1000-00	542	1250	44	1123	206	35	1102	265	24	1073	327	60	9.8	27.3
05169-1050-00	562	1300	43	1163	209	34	1142	270	22	1112	334	60	10.2	28.2
05169-1200-00	647	1450	44	1332	215	35	1309	283	24	1276	354	60	11.6	31.0
05169-1350-00	723	1650	42	1483	231	31	1459	308	17	1423	388	60	12.8	37.6
05169-1400-00	740	1700	41	1517	233	29	1492	312	15	1456	394	60	13.0	38.4
05169-1500-00	791	1800	41	1619	248	29	1593	332	14	1554	420	60	13.8	43.8
05169-1600-00	841	2000	37	1718	265	20	1691	358	1	1651	454	60	14.6	56.2
05169-1800-00	938	2200	37	1912	274	19	1882	376	-1	1839	481	60	16.2	61.2

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

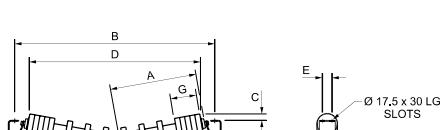
CODE NUMBER	A	B	5°			10°			15°			E	MASS Kgs.	
			C	D	F	C	D	F	C	D	F		R.P.	TOTAL
10169-0600-00	338	850	36	722	189	27	707	230	17	687	273	60	5.0	17.4
10169-0650-00	360	900	35	765	191	27	751	235	16	730	280	60	5.4	18.1
10169-0750-00	414	1000	36	873	195	27	857	243	17	834	294	60	6.0	19.6
10169-0800-00	433	1050	35	911	197	26	894	248	15	871	300	60	6.2	20.3
10169-0900-00	485	1150	35	1015	202	26	997	257	15	971	314	60	6.8	21.6
10169-1000-00	538	1250	36	1120	206	27	1101	265	15	1074	327	60	7.6	23.1
10169-1050-00	558	1300	35	1160	209	26	1140	270	14	1112	334	60	7.8	23.8
10169-1200-00	643	1450	36	1329	215	27	1308	283	16	1276	354	60	8.8	27.0
10169-1350-00	719	1650	34	1481	231	23	1458	308	9	1423	388	60	9.8	33.0
10169-1400-00	736	1700	33	1515	233	21	1491	312	6	1456	394	60	10.0	33.8
10169-1500-00	787	1800	33	1616	248	21	1591	332	6	1555	420	60	10.6	39.0
10169-1600-00	837	2000	29	1716	265	12	1690	358	-8	1651	454	60	11.2	51.0
10169-1800-00	934	2200	29	1909	274	12	1881	375	-9	1839	481	60	12.4	57.4

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

CODE NUMBER	A	B	5°			10°			15°			E	MASS Kgs.	
			C	D	F	C	D	F	C	D	F		R.P.	TOTAL
11169-0600-00	341	850	42	724	189	33	708	230	24	687	273	60	6.6	19.0
11169-0650-00	363	900	42	767	191	33	751	235	23	730	280	60	7.0	19.7
11169-0750-00	417	1000	42	875	195	33	858	243	23	834	294	60	7.8	21.4
11169-0800-00	436	1050	41	913	197	32	895	248	21	871	300	60	8.2	22.1
11169-0900-00	488	1150	41	1016	202	32	998	257	21	971	314	60	9.0	23.8
11169-1000-00	541	1250	42	1122	206	33	1102	265	22	1073	327	60	9.8	25.5
11169-1050-00	561	1300	41	1162	209	32	1141	270	20	1112	334	60	10.2	26.2
11169-1200-00	646	1450	42	1331	215	33	1309	283	22	1276	354	60	11.4	29.6
11169-1350-00	722	1650	40	1483	231	29	1458	308	15	1423	388	60	12.6	36.0
11169-1400-00	739	1700	39	1517	233	28	1491	312	13	1456	394	60	13.0	36.8
11169-1500-00	790	1800	39	1618	248	28	1592	332	13	1554	420	60	13.8	42.2
11169-1600-00	840	2000	35	1718	265	19	1691	358	-1	1651	454	60	14.6	56.0
11169-1800-00	937	2200	35	1911	274	18	1882	376	-3	1838	481	60	16.0	61.2

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

CODE NUMBER	A	B	5°			10°			15°			E	MASS Kgs.	
			C	D	F	C	D	F	C	D	F		R.P.	TOTAL
12169-0600-00	343	850	48	725	189	40	708	230	30	686	273	60	7.8	20.0
12169-0650-00	365	900	48	768	191	39	751	235	29	728	280	60	8.2	20.9
12169-0750-00	419	1000	48	876	195	40	858	243	30	832	294	60	9.2	22.8
12169-0800-00	438	1050	48	914	197	39	895	248	28	869	300	60	9.6	23.5
12169-0900-00	490	1150	48	1017	202	39	997	257	28	970	314	60	10.4	25.2
12169-1000-00	543	1250	48	1123	206	39	1102	265	28	1072	327	60	11.4	27.1
12169-1050-00	563	1300	48	1163	209	38	1141	270	27	1111	334	60	11.8	27.8
12169-1200-00	648	1450	49	1332	215	40	1309	283	29	1275	354	60	13.4	31.6
12169-1350-00	724	1650	47	1484	231	35	1458	308	22	1422	388	60	14.8	38.2
12169-1400-00	741	1700	46	1518	233	34	1492	312	19	1455	394	60	15.0	39.0
12169-1500-00	792	1800	46	1619	248	34	1592	332	19	1553	420	60	16.0	46.0
12169-1600-00	842	2000	42	1719	265	25	1691	358	5	1650	454	60	17.0	58.4
12169-1800-00	939	2200	41	1912	274	24	1882	376	3	1837	481	60	18.8	63.8

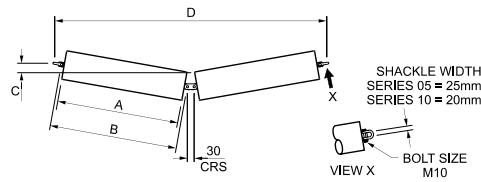


Note: "R.P." is an abbreviation for Rotating Parts. "00" - Insert required Troughing Angle: 5°, 10°, or 15°.

To ensure correct product selection or to enable PROK to select the correct product, please complete &amp; submit the sheet on page 7 to your nearest PROK office.

## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	5°			10°			15°			E	MASS Kgs.	
			C	D	F	C	D	F	C	D	F		R.P.	TOTAL
15169-0600-00	343	850	50	724	189	42	707</							



## SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205

CODE NUMBER	A	B	C				D		MASS Kgs.	
			10°	15°	10°	15°	R.P	TOTAL		
05178-0600-00	342	364	15	50	830	816	6.6	10.9		
05178-0650-00	364	386	19	56	873	858	7.0	11.5		
05178-0750-00	418	440	29	70	979	962	7.8	12.9		
05178-0800-00	437	459	32	75	1017	999	8.2	13.3		
05178-0900-00	489	511	41	88	1119	1100	9.0	14.7		
05178-1000-00	542	564	50	102	1224	1202	9.8	15.9		
05178-1050-00	562	584	54	107	1263	1241	10.2	16.5		
05178-1200-00	647	669	68	129	1430	1405	11.6	18.5		
05178-1350-00	723	745	81	149	1580	1552	12.8	20.5		
05178-1400-00	740	762	84	153	1614	1585	13.0	20.9		
05178-1500-00	791	813	93	167	1714	1683	13.8	22.3		
05178-1600-00	841	863	102	179	1813	1780	14.6	23.5		
05178-1800-00	938	960	119	205	2004	1967	16.2	25.9		

## SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205

CODE NUMBER	A	B	C				D		MASS Kgs.	
			10°	15°	10°	15°	R.P	TOTAL		
15178-0600-00	343	364	9	44	830	816	7.8	12.1		
15178-0650-00	365	386	12	49	873	858	8.2	12.7		
15178-0750-00	419	440	22	63	979	962	9.2	14.1		
15178-0800-00	438	459	25	68	1017	999	9.6	14.7		
15178-0900-00	490	511	34	82	1119	1100	10.4	16.1		
15178-1000-00	543	564	43	95	1224	1202	11.4	17.5		
15178-1050-00	563	584	47	101	1263	1241	11.8	18.1		
15178-1200-00	648	669	62	123	1430	1405	13.4	20.5		
15178-1350-00	724	745	75	142	1580	1552	14.8	22.5		
15178-1400-00	741	762	78	147	1614	1585	15.2	23.1		
15178-1500-00	792	813	87	160	1714	1683	16.0	24.5		
15178-1600-00	842	863	95	173	1813	1780	17.0	25.9		
15178-1800-00	939	960	112	198	2004	1967	18.8	28.5		

## SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204

CODE NUMBER	A	B	C				D		MASS Kgs.	
			10°	15°	10°	15°	R.P	TOTAL		
10178-0600-00	338	364	22	58	840	824	5.0	8.2		
10178-0650-00	360	386	26	63	883	866	5.4	8.6		
10178-0750-00	414	440	35	77	989	971	6.0	9.6		
10178-0800-00	433	459	39	82	1027	1008	6.2	10.0		
10178-0900-00	485	511	48	96	1129	1108	6.8	10.8		
10178-1000-00	538	564	57	109	1233	1210	7.6	11.8		
10178-1050-00	558	584	60	115	1273	1249	7.8	12.2		
10178-1200-00	643	669	75	137	1440	1413	8.8	13.8		
10178-1350-00	719	745	88	156	1590	1560	9.8	16.0		
10178-1400-00	736	762	91	161	1623	1593	10.0	16.4		
10178-1500-00	787	813	100	174	1724	1691	10.6	17.4		
10178-1600-00	837	863	109	187	1823	1788	11.2	18.4		
10178-1800-00	934	960	126	212	2013	1975	12.4	22.2		

## SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205

CODE NUMBER	A	B	C				D		MASS Kgs.	
			10°	15°	10°	15°	R.P	TOTAL		
20178-0750-00	422	440	9	50	979	962	15.0	19.9		
20178-0800-00	441	459	12	55	1017	999	15.4	20.5		
20178-0900-00	493	511	21	69	1119	1100	17.0	22.5		
20178-1000-00	546	564	31	82	1224	1202	18.6	24.7		
20178-1050-00	566	584	34	88	1263	1241	19.2	25.3		
20178-1200-00	651	669	49	110	1430	1405	21.6	28.7		
20178-1350-00	727	745	62	129	1580	1552	23.8	31.5		
20178-1400-00	744	762	65	134	1614	1585	24.4	32.3		
20178-1500-00	795	813	74	147	1714	1683	25.8	34.3		
20178-1600-00	845	863	83	160	1813	1780	27.2	36.1		
20178-1800-00	942	960	99	185	2004	1967	30.2	39.9		

## SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204

CODE NUMBER	A	B	C				D		MASS Kgs.	
			10°	15°	10°	15°	R.P	TOTAL		
11178-0600-00	341	364	16	51	840	824	6.6	9.8		
11178-0650-00	363	386	20	57	883	866	7.0	10.2		
11178-0750-00	417	440	29	71	989	971	7.8	11.4		
11178-0800-00	436	459	33	76	1027	1008	8.2	11.8		
11178-0900-00	488	511	42	89	1129	1108	9.0	13.0		
11178-1000-00	541	564	51	103	1233	1210	9.8	14.2		
11178-1050-00	561	584	54	108	1273	1249	10.2	14.6		
11178-1200-00	646	669	69	130	1440	1413	11.4	17.2		
11178-1350-00	722	745	82	150	1590	1560	12.6	19.0		
11178-1400-00	739	762	85	154	1623	1593	13.0	19.4		
11178-1500-00	790	813	94	168	1724	1691	13.8	20.6		
11178-1600-00	840	863	103	181	1822	1788	14.6	21.8		
11178-1800-00	937	960	120	206	2013	1975	16.0	26.0		

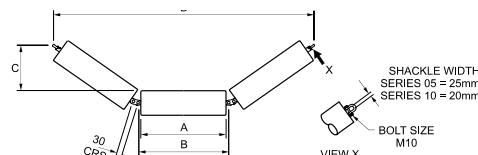
## SERIES 25 ROLL DIAMETER 127 BEARING SIZE 6305

CODE NUMBER	A	B	C				D		MASS Kgs.	
			35°	45°	35°	45°	R.P	TOTAL		
25178-1200-00	648	669	62	123	1430	1405	13.6	20.9		
25178-1350-00	724	745	75	142	1580	1552	15.0	24.7		
25178-1400-00	741	762	78	147	1614	1585	15.4	25.1		
25178-1500-00	792	813	87	160	1714	1683	16.4	26.7		
25178-1600-00	842	863	95	173	1813	1780	17.2	28.1		
25178-1800-00	939	960	112	198	2004	1967	19.0	31.1		
25178-2000-00	1044	1065	130	225	2210	2169	21.0	36.7		
25178-2200-00	1144	1165	148	251	2407	2362	22.8	40.1		
25178-2400-00	1244	1265	165	277	2604	2555	24.6	43.1		
25178-2500-00	1303	1324	175	292	2720	2669	25.6	45.1		

## SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204

CODE NUMBER	A	B	C				D		MASS Kgs.	
10°	15°	10°	15°	R.P	T					

**SERIES 05 / SERIES 10**  
LINK CENTRES  
ON 45° TROUGH  
ARE 35mm



**SERIES 05 ROLL DIAMETER 114 BEARING SIZE 6205**

CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
05174-0500-00	190	212	35	78	98	137	748	710	685	636	6.3	10.6
05174-0600-00	225	247	47	96	118	161	849	806	777	720	7.2	11.8
05174-0650-00	245	267	54	106	129	175	907	860	829	769	7.8	12.7
05174-0750-00	279	301	65	123	149	200	1005	954	919	851	8.4	13.9
05174-0800-00	295	317	71	131	158	211	1051	997	961	889	9.0	14.5
05174-0900-00	332	354	83	149	179	237	1157	1098	1059	979	9.9	16.0
05174-1000-00	359	381	93	163	195	256	1235	1172	1104	1044	10.5	16.9
05174-1050-00	384	406	101	175	209	274	1307	1240	1196	1104	11.1	17.8
05174-1200-00	437	459	119	202	239	311	1459	1385	1336	1232	12.3	19.9

**SERIES 10 ROLL DIAMETER 102 BEARING SIZE 6204**

CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
10174-0350-00	133	159	25	60	76	108	605	574	554	515	3.9	6.5
10174-0400-00	151	177	31	69	87	121	657	623	601	558	4.2	7.1
10174-0450-00	169	195	37	78	97	133	709	672	649	602	4.5	7.4
10174-0500-00	186	212	43	86	107	146	758	719	693	643	4.8	8.0
10174-0600-00	221	247	55	104	127	170	858	814	786	727	5.4	8.9
10174-0650-00	241	267	62	114	138	184	916	869	838	776	5.7	9.5
10174-0750-00	275	301	73	131	158	209	1014	962	928	858	6.3	10.4
10174-0800-00	291	317	79	139	167	220	1060	1006	970	896	6.6	11.0
10174-0900-00	328	354	91	157	188	246	1167	1107	1068	986	7.5	11.9
10174-1000-00	355	381	101	171	204	265	1244	1180	1139	1051	7.8	12.5
10174-1050-00	380	406	109	183	218	283	1316	1249	1205	1111	8.4	14.0
10174-1200-00	433	459	127	210	248	320	1469	1394	1345	1239	9.3	15.5

**SERIES 11 ROLL DIAMETER 114 BEARING SIZE 6204**

CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
11174-0500-00	189	212	37	80	101	140	758	719	693	643	6.3	9.5
11174-0600-00	224	247	49	98	121	164	858	814	786	727	7.2	10.7
11174-0650-00	244	267	56	108	132	178	916	869	838	776	7.5	11.3
11174-0750-00	278	301	67	125	152	203	1014	962	928	858	8.4	12.5
11174-0800-00	294	317	73	133	161	214	1060	1006	970	896	8.7	13.1
11174-0900-00	331	354	85	151	182	240	1167	1107	1068	986	9.6	14.3
11174-1000-00	358	381	95	165	198	259	1244	1180	1139	1051	10.2	15.8
11174-1050-00	383	406	103	177	212	277	1316	1249	1205	1111	10.8	16.7
11174-1200-00	436	459	121	204	242	314	1469	1394	1345	1239	12.3	18.5

**SERIES 12 ROLL DIAMETER 127 BEARING SIZE 6204**

CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
12174-0500-00	191	212	31	74	95	134	758	719	693	643	7.5	10.7
12174-0600-00	226	247	43	92	115	158	858	814	786	727	8.4	11.9
12174-0650-00	246	267	50	102	126	172	916	869	838	776	9.0	12.8
12174-0750-00	280	301	61	119	146	197	1014	962	928	858	9.9	14.0
12174-0800-00	296	317	67	127	155	208	1060	1006	970	896	10.5	14.6
12174-0900-00	333	354	79	145	176	234	1167	1107	1068	986	11.4	15.8
12174-1000-00	360	381	89	159	192	253	1244	1180	1139	1051	12.0	17.6
12174-1050-00	385	406	97	171	206	271	1316	1249	1205	1111	12.9	18.5
12174-1200-00	438	459	115	198	236	308	1469	1394	1345	1239	14.4	20.6

**SERIES 15 ROLL DIAMETER 127 BEARING SIZE 6205**

CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
15174-0500-00	191	212	29	71	92	131	748	710	685	636	7.5	11.8
15174-0600-00	226	247	41	89	112	155	849	806	777	720	8.4	13.3
15174-0650-00	246	267	48	99	123	169	907	860	829	769	9.0	13.9
15174-0750-00	280	301	59	116	143	194	1005	954	919	851	9.5	15.4
15174-0800-00	296	317	65	124	152	205	1051	997	961	889	10.5	16.0
15174-0900-00	333	354	77	142	173	231	1157	1098	1059	979	11.4	17.5
15174-1000-00	360	381	87	156	189	250	1235	1172	1130	1044	12.3	18.7
15174-1050-00	385	406	95	168	203	268	1307	1240	1196	1104	12.9	19.9
15174-1200-00	438	459	113	195	233	305	1450	1385	1336	1232	14.4	22.0
15174-1350-00	490	511	131	221	263	341	1609	1527	1474	1358	15.9	24.1
15174-1400-00	496	517	133	224	266	345	1627	1543	1490	1372	15.9	24.4
15174-1500-00	543	564	149	247	293	378	1762	1672	1614	1486	17.1	26.2
15174-1600-00	563	584	156	257	305	392	1820	1726	1667	1534	17.7	27.1
15174-1800-00	627	648	178	289	341	438	2004	1901	1836	1688	19.5	29.8

Note: "RP" is an abbreviation for Rotating Parts. "00" - Insert required Troughing Angle: 20°, 30°, 35° or 45°.

To ensure correct product selection or to enable PROK to select the correct product, please complete & submit the sheet on page 17 to your nearest PROK office.

IN THE INTEREST OF PRODUCT DEVELOPMENT, PROK GROUP RESERVES THE RIGHT TO CHANGE CRITICAL DATA AT ANY TIME WITHOUT PRIOR NOTICE. DIMENSIONS SHOWN ARE NOMINAL ONLY. CERTIFIED DRAWINGS ARE AVAILABLE ON REQUEST.

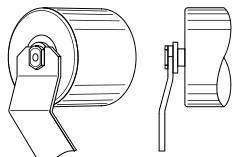
PAGE 11

**SERIES 20 ROLL DIAMETER 152 BEARING SIZE 6205**

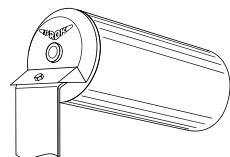
CODE NUMBER	A	B	C				D				MASS Kgs.	
			20°	30°	35°	45°	20°	30°	35°	45°	R.P.	TOTAL
20174-0500-0												

**ROLL ADAPTORS**

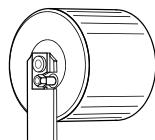
READILY AVAILABLE TO SUIT MOST ALTERNATIVE BRANDS OF BASE FRAMES  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.

**STONE GUARDS**

PROTECTS SEALS DURING WASH DOWN  
AVAILABLE IN GALVABOND.  
ACTS AS ROLL RETAINER  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.

**ROLL RETAINERS**

RETAINER PLATES AVAILABLE FOR ALL SERIES  
PREVENTS ROLLS FROM DISLODGING IN A SEVERE STRUCTURAL VIBRATION ENVIRONMENT  
NO SPECIAL TOOLS REQUIRED



PROK RETAINER PLATE

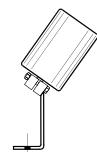
RETAINER CLIPS AVAILABLE FOR ALL SERIES.  
MANUFACTURED FROM SPRING STEEL.  
POSITIVELY LOCKS THE ROLL ONTO THE FRAME.  
NO SPECIAL TOOLS REQUIRED.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.



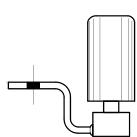
RETAINER CLIP FOR ROLLER

**IDLER ACCESSORIES**

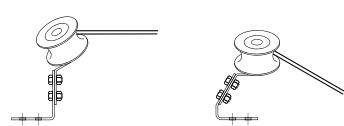
**TROUGH SIDE GUIDE ROLL**  
AVAILABLE IN VARIOUS DIAMETERS AND LENGTHS.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.



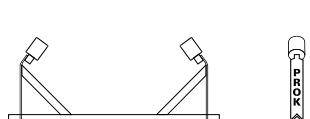
**RETURN SIDE GUIDE ROLL**  
AVAILABLE IN VARIOUS DIAMETERS AND LENGTHS.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.

**PROK Belt Guide™**

- THESE ARE VERY USEFUL FOR DIFFICULT BELT TRACKING SITUATIONS FOR FLAT OR TROUGHED BELT CONVEYORS.
- BRACKETS ARE HANDED TO BE USED IN PAIRS MOUNTED IN LINE ACROSS THE BELT.
- SEALED FOR LIFE CONSTRUCTION WITH ANTI-FRICTION BEARINGS.

**SIDE GUIDE IDLER FOR HEAVY DUTY WIDE BELTS**

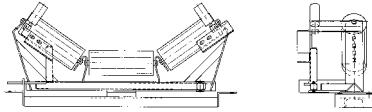
PARTICULARLY USEFUL FOR PREVENTION OF TORSIONAL LOADS ON STRINGERS ARISING FROM HORIZONTAL BELT FORCES.

**SUPERSENSITIVE TRAINER™**

AVAILABLE IN ALL SERIES, TROUGHING ANGLES AND BELT WIDTHS.

**FEATURES:**

- IN-LINE PIVOT FOR INCREASED SENSITIVITY
- LINKAGE SYSTEM FOR SERVO ROLLS ENSURES CONSTANT GAP BETWEEN ROLLERS AND BELT EDGE, GIVING CLOSER CONTROL OF ACTION.
- ROBUST ANTI-FRICTION BEARING PIVOT ASSEMBLY.



CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.

**HEAVY DUTY POWERED BELT TRAINING MODULE**

USED IN WIDE BELT APPLICATIONS WHERE TRAINING OF THE BELT IS A PROBLEM.  
SYSTEM CONSISTS OF A BANK OF LINKED TRAINERS THAT ARE CONTROLLED BY A POWERED ACTUATOR.

CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS.

**PROK PIVOT**

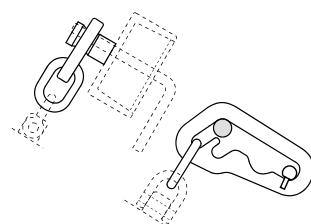
THE UNIT IS A LARGE DIAMETER INTERLOCKING PLATE BEARING THAT OVERCOMES A NUMBER OF POTENTIAL PROBLEMS IN TRADITIONAL BEARING ARRANGEMENTS. THIS BEARING UNIT, IN KEEPING WITH PROK GROUP'S OBJECTIVES OF ONLY SUPPLYING PRODUCTS THAT MEET THE HIGHEST STANDARDS OF QUALITY, WILL PROVIDE TROUBLE FREE, LONG LIFE FOR MOST DIFFICULT BEARING APPLICATION REQUIREMENTS IN THE HARSH OPERATING ENVIRONMENTS WE EXPERIENCE IN THE FIELD.



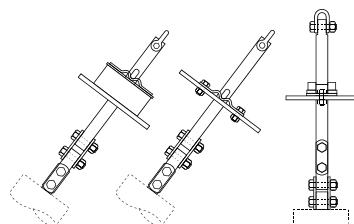
THE BEARING UNIT CAN BE RETRO FITTED TO MOST EXISTING FRAMES

**IDLER ACCESSORIES****SUGGESTED SUSPENDED ROLL ATTACHMENT**

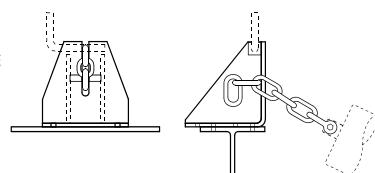
READYLLY PERMITS IDLER TO BE TAKEN OUT OF SERVICE WHILST CONVEYOR IS RUNNING, FOR LATER REPLACEMENT DURING PLANNED DOWNTIME.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS OR RECOMMENDATION.

**ALTERNATIVE METHOD 2**

RECOMMENDED FOR USE ON SUSPENDED IMPACT BED INSTALLATION.  
CUSHION PADS SHOULD BE USED FOR LARGE AND HIGH IMPACT LOAD CONDITIONS.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS OR RECOMMENDATION.

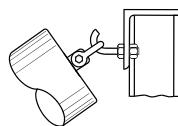
**ALTERNATIVE METHOD 3**

OFTEN USED FOR TROUGH AND VEE TYPE SUSPENDED IDLER INSTALLATION.  
CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS OR RECOMMENDATION.

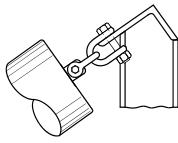


**SUGGESTED SUSPENDED ROLL ATTACHMENTS**  
**ALTERNATIVE METHOD 4**

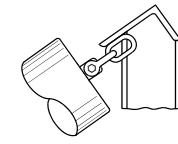
USED FOR TROUGH AND VEE TYPE RETURN ON SUSPENDED IDLERS. CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS OR RECOMMENDATION.


**ALTERNATIVE METHOD 5**

DOUBLE SHACKLE MOUNTING USED FOR SUSPENDED IDLER RETURN APPLICATIONS. CONSULT YOUR NEAREST PROK OFFICE FOR FURTHER DETAILS OR RECOMMENDATION.


**ALTERNATIVE METHOD 6**

USED FOR TROUGH AND RETURN TYPE SUSPENDED IDLER APPLICATIONS.


**RUBBER DISC AND LAGGING**

**BULL NOSE IMPACTS**

**LAGGED ROLL**

Rubber disc rolls are utilised in a number of areas of a conveyor and can be supplied in various configurations and compounds.

**Impact Disc**

These rubber disc rolls are used in the impact or loading area of conveyors. The discs are designed to absorb the impact and to be resistant to excessive wear. A number of configurations are available for different applications culminating in the mighty bull nose rubbers for the really tough applications.

Rubber discs are often used on return rolls for dirty belt applications. Prok Group can also supply rubber lagged rolls for this type of application. The rubber generally prevents material from building up on the roll.


**IMPACT DISCS**

### PROK IMPACT STATIONS

Prok impact stations can be designed to suit your particular applications and will only be recommended if it is the best solution to your needs.

Our impact stations include hybrid beds that incorporate the use of impact rolls with the sealing capabilities of impact bars.

The patented Prok impact bars present a controlled collapse and recovery which will absorb the full impact and not transmit the shock loading to the structure. This ability to absorb the impact helps to protect the conveyor belt from damage. This Prok design and installation will also ensure minimum wear to the underside of the belt.

**Heavy Duty Retractable Idlers**

Allows rolls to be changed under loading skirt areas without removing adjacent idlers. No idler misalignment during roll change. Consult your nearest Prok office for further details or recommendations.

**Jack Down™ Idler**

Rolls can be easily changed over in an impact area. The idler frame can be readily lowered for access purposes using a standard auto jack to enable roll replacement. Consult your nearest Prok Representative for further details.

**RUBBER DISCS TO SUIT ALL APPLICATIONS**

Below is a selection of rubber discs available from the Prok standard range. Manufactured to I.S.O. 3302 Standard and Tolerances.

CODE No.	B	C
1651-133-060	133	52
1651-159-089	159	58
1651-178-089	178	58

Supplied in rubber or FRAS compound.

CODE No.	B	C
1652-133-060	133	25
1652-159-089	159	39
1652-178-089	178	39

Supplied in rubber or FRAS compound.

CODE No.	B	C
1654-159-089	159	42
1654-178-089	178	42

Supplied in rubber or FRAS compound.

CODE No.	B	C
1653-127-060	127	32
1653-152-089	152	52
1653-178-089	178	52

Supplied in rubber or FRAS compound.

CODE No.	B	C
1657-159-089	159	52
1657-250-194	250	52

Supplied in Abrasion resistant rubber or Flame resistant chloroprene rubber.

END IMPACT  
RUBBER  
FLANGED

CENTRE  
IMPACT  
RUBBER

BULLNOSE  
IMPACT  
RUBBER

RETURN  
RUBBER  
DISC

RETURN  
RUBBER  
DISC

IN THE INTEREST OF PRODUCT DEVELOPMENT, PROK GROUP RESERVES THE RIGHT TO CHANGE CRITICAL DATA AT ANY TIME WITHOUT PRIOR NOTICE. DIMENSIONS SHOWN ARE NOMINAL ONLY. CERTIFIED DRAWINGS ARE AVAILABLE ON REQUEST.

PAGE 13

**ALUMINIUM PRODUCTS**

Prok Group manufacture a range of these rolls for special applications. Rolls are fitted with stainless outer seal. Aluminium frames can be supplied. Consult your nearest Prok Representative for further details.

**GALVANISED PRODUCTS**

Galvanised frames are available throughout our standard product range, and provide a durable long life coating for most applications. Fully galvanised roll shells can be provided on request.

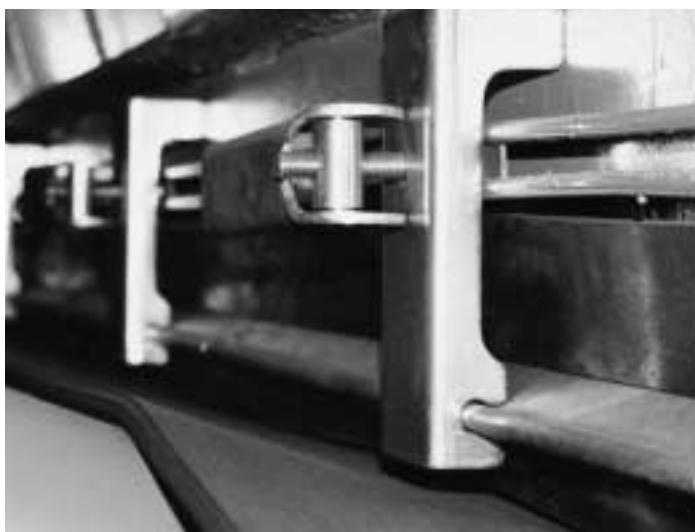
**CHAMPION SKIRT CLAMP**

The Prok Group Champion Skirt Clamp can stop your skirt spillage now. The Champion Skirt Clamp system works well because its unique design concept is:

- Easy to Fit
- Easy to release and adjust
- Particularly user friendly in awkward or difficult areas
- Skirts can be adjusted easily by one man
- All parts are zinc plated for corrosion resistance
- Available ex-stock

This is the complete system that protects your equipment and your products. Any skirt system must be user friendly to ensure that it will not work only on the day its installed but tomorrow, and for as long as necessary. The key is reliable and easy adjustment.

Consult your nearest Prok representative for further details.

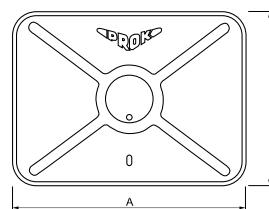
**WINDGUARDS**

Manufactured from galvanised heavy gauge steel

- Rigid construction
- Slotted mounting holes for easy attachment
- Rolled safety edge
- Fluted for added strength
- Supplied complete with mounting bolts.

Available in following sizes:

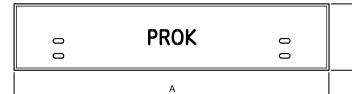
A	B
584	343
584	432
889	508



Large windguard for special applications. Consult your nearest Prok representative for specific recommendations.

Available in following sizes:

A	B
1690	430
2000	430

**CONVEYOR EMERGENCY PULL WIRE SWITCH SYSTEM**

Prok can supply and install complete system for all conveyor applications.

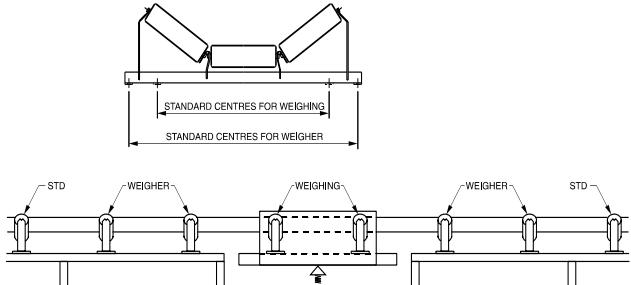
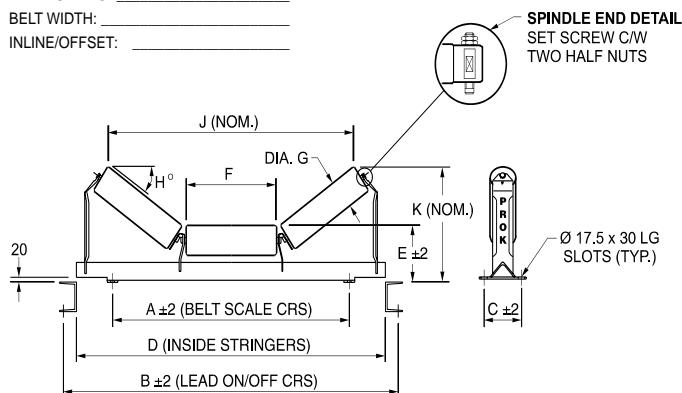
- Pull wire switch is tested to SAA Code 1755 - 1986.
- Simple design ensures low maintenance.
- Robust non-metallic enclosure.
- Internal switch connections are fully shrouded for added safety during routine inspection.



## WEIGH IDLER SPECIFICATION

## LEAD ON/OFF BELT SCALE

IDLER SERIES: \_\_\_\_\_  
 BELT WIDTH: \_\_\_\_\_  
 INLINE/OFFSET: \_\_\_\_\_



TYPICAL ARRANGEMENT OF WEIGHING AND WEIGHER IDLERS

DIMENSIONS	"LEAD ON/OFF" IDLER	"BELT-SCALE" IDLER
'A' MOUNTING HOLE CENTRES	NOT APPLICABLE	
'B' MOUNTING HOLE CENTRES		NOT APPLICABLE
'C' MOUNTING HOLE CENTRES		
'D' INSIDE STRINGERS	NOT APPLICABLE	
'E' ROLLING HEIGHT		
'F' ROLLER FACE		
'G' ROLLER DIAMETER		
'H' TROUGHING ANGLE		
'J' ROLLER PROFILE WIDTH		
'K' ROLLER PROFILE HEIGHT		
IF 'PROK STANDARD' REQUIRED - PLEASE INDICATE		

IS THIS WEIGH STATION TO SUIT AN EXISTING CONVEYOR (YES/NO): \_\_\_\_\_

IF YES, PLEASE PROVIDE THE PART NO. OF THE EXISTING TROUGH IDLER: \_\_\_\_\_

STANDARD BALANCING AND MACHINING OF ROLLERS (0.014 Nm & 0.19 mm T.I.R.) (YES/NO): \_\_\_\_\_

IF NO, PROVIDE DETAILS: \_\_\_\_\_ Nm \_\_\_\_\_ mm T.I.R.

'PROK STANDARD' BROACHING ON ROLLS (YES/NO): \_\_\_\_\_

IF NO, PLEASE PROVIDE DETAILS: \_\_\_\_\_ A/F \_\_\_\_\_ WIDTH

SPECIAL REMARKS \_\_\_\_\_  
 \_\_\_\_\_

## Weigher Idlers

These idlers are utilised as lead-in and lead-out assemblies to the belt weigh station. The roll shells are machined to fine tolerances on T.I.R. These rolls and bases are manufactured to suit the most stringent weigher requirements. Available in all series and trough angles.

## Weighing Idlers

These idlers are used in conjunction with the weighing beam or load cell. The roll shells are machined to fine tolerances and are accurately balanced. The rolls can be provided with adjusting screws at the spindle ends, to enable site adjustment of the profile. Available in all series and trough angles.



## NEED EXTRA ROLLS?

SHOULD YOU REQUIRE EXTRA ROLLS AS PREVIOUSLY SUPPLIED FROM THIS CATALOGUE,  
WE SUGGEST YOU USE THE SELECTION TABLE AND PRODUCT CODE NUMBERS BELOW.

Example: Assume you require extra rolls for an idler set previously supplied with a Code Number 45169 - 1600 - 10 °.

Refer to page no. 2 - 63 of this catalogue and match the code number with the code number shown on the left side column of the page.

Note the description shown on the page header is as follows.

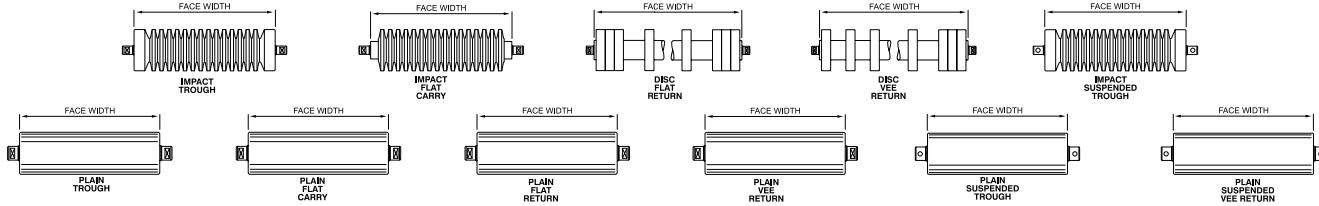
"TWO ROLL PLAIN INLINE VEE RETURN" and the tabulation header states series "45".

Then refer to column "A" where roll facewidth or length is 846mm.

Now refer to selection table on page 2 - 94 and match the description along the top of table and series "45" shown down left side column.

The code number for a roll only should read "45585 - 0000". Substitute the "0000" with roll length previously identified as 846mm,

therefore the roll only code number for re-order purposes should read "45585 - 0846".



PROK SERIES	PLAIN TROUGH	IMPACT TROUGH	PLAIN FLAT CARRY	IMPACT FLAT CARRY	PLAIN FLAT RETURN	DISC FLAT RETURN	PLAIN VEE RETURN	DISC VEE RETURN	PLAIN SUSPENDED TROUGH	IMPACT SUSPENDED TROUGH	PLAIN SUSPENDED VEE RETURN
05	05580 - 0000			05589 - 0000		05583 - 0000		05585 - 0000		05592 - 0000	05595 - 0000
10	10580 - 0000			10589 - 0000		10583 - 0000		10585 - 0000		10592 - 0000	10595 - 0000
11	11580 - 0000			11589 - 0000		11583 - 0000		11585 - 0000		11592 - 0000	11595 - 0000
12	12580 - 0000			12589 - 0000		12583 - 0000		12585 - 0000		12592 - 0000	12595 - 0000
15	15580 - 0000	15582 - 0000		15589 - 0000	15590 - 0000	15583 - 0000	15587 - 0000	15585 - 0000	15588 - 0000	15592 - 0000	15594 - 0000
16*	16580 - 0000			16589 - 0000		16583 - 0000		16585 - 0000		16592 - 0000	16595 - 0000
20	20580 - 0000			20589 - 0000		20583 - 0000		20585 - 0000		20592 - 0000	20595 - 0000
25	25580 - 0000			25589 - 0000		25583 - 0000		25585 - 0000		25592 - 0000	25595 - 0000
26*	26580 - 0000			26589 - 0000		26583 - 0000		26585 - 0000		26592 - 0000	26595 - 0000
30	30580 - 0000	30582 - 0000		30589 - 0000		30583 - 0000		30585 - 0000	30588 - 0000	30592 - 0000	30595 - 0000
33*	33580 - 0000			33589 - 0000		33583 - 0000		33585 - 0000		33592 - 0000	33595 - 0000
35	35580 - 0000			35589 - 0000		35583 - 0000		35585 - 0000		35592 - 0000	35595 - 0000
40	40580 - 0000			40589 - 0000		40583 - 0000		40585 - 0000		40592 - 0000	40595 - 0000
45	45580 - 0000	45582 - 0000		45589 - 0000	45590 - 0000	45583 - 0000	45587 - 0000	45585 - 0000	45588 - 0000	45592 - 0000	45595 - 0000
46*	46580 - 0000			46589 - 0000		46583 - 0000		46585 - 0000		46592 - 0000	46595 - 0000
50	50580 - 0000	50582 - 0000		50589 - 0000	50590 - 0000	50583 - 0000	50587 - 0000	50585 - 0000	50588 - 0000	50592 - 0000	50595 - 0000
54	54580 - 0000			54589 - 0000		54583 - 0000		54585 - 0000		54592 - 0000	54595 - 0000
55	55580 - 0000			55589 - 0000		55583 - 0000		55585 - 0000		55592 - 0000	55595 - 0000
59	59580 - 0000			59589 - 0000		59583 - 0000		59585 - 0000		59592 - 0000	59595 - 0000
60	60580 - 0000			60589 - 0000		60583 - 0000		60585 - 0000		60592 - 0000	60595 - 0000

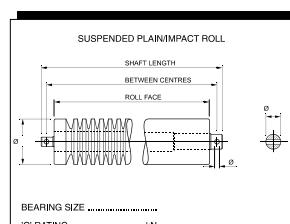
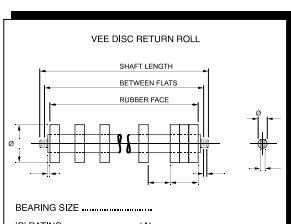
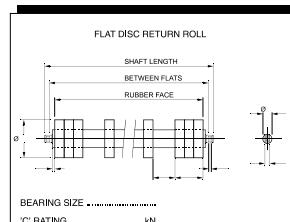
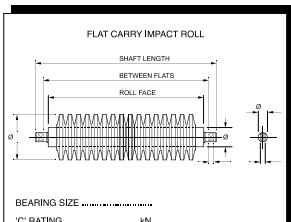
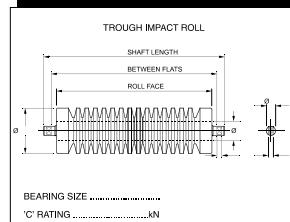
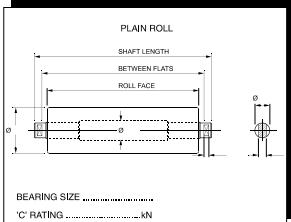
## NEED SPECIAL REPLACEMENT ROLLS?

Whilst the majority of conveyor idler requirements can be supplied from the substantial standard product range shown in our catalogue, we recognise that there may be instances where special rolls are required.

We provide a special roll replacement service to suit most applications and general conveyor upgrades using our unique "GREASED FOR LIFE" multi-labyrinth bearing sealing arrangement.

EXAMPLE: Select the relevant roll configuration shown on this page and enlarge the diagram to A4 size. Complete the dimensions shown, along with the bearing size and attach the copy to your formal enquiry.

Send your enquiry to the nearest Prok office for competitive price and delivery details.



## NEED EXTRA FRAMES?

SHOULD YOU REQUIRE EXTRA FRAMES AS PREVIOUSLY SUPPLIED FROM THIS CATALOGUE, WE SUGGEST YOU USE THE SELECTION TABLE AND PRODUCT CODE NUMBERS BELOW.

## SELECTION TABLE: FRAMES AND BRACKETS

PRODUCT DESCRIPTION	SERIES WHERE USED	BELT RANGE	PRODUCT CODE NO.
THREE ROLL PLAIN OFFSET TROUGH	05, 10, 11, 12, 15	0350 / 1200	12305 - 0000 - 00
THREE ROLL PLAIN INLINE TROUGH	15, 20, 25, 30	0500 / 1800	15313 - 0000 - 00
THREE ROLL PLAIN INLINE TROUGH	35, 40, 45, 50, 54, 55, 59, 60	0750 / 2500	45313 - 0000 - 00
THREE ROLL IMPACT OFFSET TROUGH	15	0350 / 1200	12306 - 0000 - 00
THREE ROLL IMPACT INLINE TROUGH	15, 30	0500 / 1800	15314 - 0000 - 00
THREE ROLL IMPACT INLINE TROUGH	45, 50	0750 / 2200	45314 - 0000 - 00
TWO ROLL PLAIN INLINE VEE RETURN	05, 10, 11, 12, 15, 20, 25, 30	0600 / 2500	15369 - 0000 - 00
TWO ROLL PLAIN INLINE VEE RETURN	35, 40, 45, 50, 54, 55, 59, 60	1600 / 3000	45369 - 0000 - 00
TWO ROLL DISC INLINE VEE RETURN	15, 30	0900 / 2500	15369 - 0000 - 00
TWO ROLL DISC INLINE VEE RETURN	45, 50	1600 / 3000	45369 - 0000 - 00
THREE ROLL P / A OFFSET TROUGH TRAINER	05, 10, 11, 12, 15	0350 / 1200	12308 - 0000 - 00
THREE ROLL P / A INLINE TROUGH TRAINER	15, 20, 25, 30	0500 / 1800	15316 - 0000 - 00
THREE ROLL P / A INLINE TROUGH TRAINER	35, 40, 45, 50, 54, 55, 59, 60	0750 / 2500	45316 - 0000 - 00
SINGLE ROLL PLAIN P / A RETURN TRAINER	05, 10, 11, 12, 15, 20, 25, 30	0350 / 1800	15363 - 0000 - 00
SINGLE ROLL PLAIN P / A RETURN TRAINER	35, 40, 45, 50, 54, 55, 59, 60	0750 / 1800	45363 - 0000 - 00
FLAT CARRY IDLER BRACKET	05, 10, 11, 12, 15, 20, 25, 30	0350 / 1800	1036 - 14 - 095
FLAT CARRY IDLER BRACKET	35, 40, 45, 50, 54, 55, 59, 60	0750 / 1800	1036 - 22 - 095
RETURN IDLER BRACKET	05, 10, 11, 12, 15, 20, 25, 30	0350 / 1800	1035 - 14 - 038
RETURN IDLER BRACKET	35, 40, 45, 50, 54, 55, 59, 60	0750 / 1800	1035 - 22 - 038

## EXAMPLE:

Assume you require extra frames for an idler set previously supplied with a

Code Number 25113 - 1200 - 35°

Refer to page no. 2 - 17 of this catalogue and match the code number with the code number shown on left column of the page.

Note the description shown on the page header is as follows

"THREE ROLL PLAIN INLINE TROUGH", and tabulation header states series "25".

Then refer to selection table this page and match the description shown in the relevant column and the series where used.

The frame code number is shown as 15313 - 0000 - 00.

Substitute the belt width and trough angle in lieu of "0000 - 00"

In this instance frame code number for re-order purposes should read, 15313 - 1200 - 35°

**Client:**  
**Project:**  
**Quote No.:**

Date:

Prepared By:

		<b>Conv. No.</b>	<b>Conv. No.</b>	<b>Conv. No.</b>
<b>Belt width</b>	<b>mm</b>			
<b>Belt speed</b>	<b>m/s</b>			
Belt type				
Belt mass	<b>kg/m</b>			
Material				
<b>Bulk Density</b>	<b>kg/m<sup>3</sup></b>			
<b>Lump size</b>	<b>mm</b>			
<b>Design capacity</b>	<b>tph</b>			
<b>B10 life</b>	<b>hours</b>			
<b>Free fall height</b>	<b>m</b>			
Surcharge angle	<b>°deg</b>			
Trough angle	<b>°deg</b>			
Idler spacing				
Trough	<b>mm</b>			
Return	<b>mm</b>			
Impact	<b>mm</b>			
Running belt tension				
T1 (Carry)	<b>kN</b>			
T2 (Return)	<b>kN</b>			
Belt deviation				
Carry side	<b>mm</b>			
Return side	<b>mm</b>			
Convex curve radius	<b>m</b>			
Nominal Quantities	<b>Roll ø mm</b>			
Trough	<b>ø</b>			
Impact	<b>ø</b>			
Transition (5°/20°)	<b>ø</b>			
Transition (15°/30°)	<b>ø</b>			
Flat carry	<b>ø</b>			
Flat return	<b>ø</b>			
Vee return (rolls only)	<b>ø</b>			
Return trainer	<b>ø</b>			
Loadings Required:	<b>YES</b>	<b>NO</b>	(Please tick)	
1) Convex curve considered.				
2) Flooded belt considered.				
3) Deviation load considered.				
4) Assumptions if needed.				

Minimum information required for  
design selection by PROK

Checked By:

FOR A PROK RECOMMENDATION ON IDLER SELECTION, COMPLETE THIS DATA SHEET  
AND FORWARD TO YOUR NEAREST PROK OFFICE.





## Sandvik Materials Handling

### WESTERN AUSTRALIA

285 Collier Road  
Bayswater WA 6053  
Tel: (08) 9347 8500  
Fax: (08) 9347 8600

382 Victoria Road  
Malaga, WA 6062  
Tel: (08) 9249 3522  
Fax: (08) 9249 3966

Lot 1671 Munda Way  
Wedgefield WA 6274  
Tel: (08) 9140 1659  
Fax: (08) 9172 1767

Unit 3, 84-88 Welshpool Road  
Welshpool WA 6106  
Tel: (08) 6250 7400  
Fax: (08) 6250 7444

### NEW SOUTH WALES

338 Pacific Highway  
Hexham, NSW 2322  
Tel: (02) 4964 8687  
Fax: (02) 4964 8711

Old Punt Road  
Tomago, NSW 2322  
Tel: (02) 4985 2670  
Fax: (02) 4985 2680

### QUEENSLAND

1463 Ipswich Road  
Rocklea, Qld 4106  
Tel: (07) 3277 8366  
Fax: (07) 3277 8076

93 Colebard Street West  
Archerfield, Qld 4108  
Tel: (07) 3277 8122  
Fax: (07) 3277 1072

Commercial Avenue  
Mackay, Qld 4740  
Tel: (07) 4952 1400  
Fax: (07) 4952 3714

### VICTORIA

44 Wedgewood Road  
Hallam, Vic. 3803  
Tel: (03) 9703 2200  
Fax: (03) 9703 2211

### TASMANIA

8 Formby Road  
Devenport, Tas 7310  
Tel: (03) 6424 9797  
Fax: (03) 6424 4250

[www.prok.com.au](http://www.prok.com.au)

**BELTRECO**

**PROK**



Sandvik Materials Handling

**Prok Group Limited**

285 Collier Road  
Bayswater WA 6053  
Australia  
Tel: 61-8-9347 8500  
Fax: 61-8-9347 8600

**Prok International Canada Inc.**

18945 96th Avenue  
Surrey, B.C. V4N 3P3  
Canada.  
Tel: 1-604-8880888  
Fax: 1-604-8883571

**PT.Prok Indonesia**

Jl. Raya Cilegon No.49  
Komplek Bonakarta  
Blok A No.11  
Cilegon.  
Tel: 254-396914  
Fax: 254-396915

[www.prok.com.au](http://www.prok.com.au)

